ZOONOSES MONITORING

Spain

TRENDS AND SOURCES OF ZOONOSES AND ZOONOTIC AGENTS IN FOODSTUFFS, ANIMALS AND FEEDINGSTUFFS

including information on foodborne outbreaks, antimicrobial resistance in zoonotic and indicator bacteria and some pathogenic microbiological agents

IN 2024

PREFACE

This report is submitted to the European Commission in accordance with Article 9 of Council Directive 2003/99/EC*. The information has also been forwarded to the European Food Safety Authority (EFSA).

The report contains information on trends and sources of zoonoses and zoonotic agents in Spain during the year 2024.

The information covers the occurrence of these diseases and agents in animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and indicator bacteria as well as information on epidemiological investigations of foodborne outbreaks.
Complementary data on susceptible animal populations in the country is also given. The information given covers both zoonoses that are important for the public health in the whole European Union as well as zoonoses, which are relevant on the basis of the national epidemiological situation.
The report describes the monitoring systems in place and the prevention and control strategies applied in the country. For some zoonoses this monitoring is based on legal requirements laid down by the European Union legislation, while for the other zoonoses national approaches are applied.

The report presents the results of the examinations carried out in the reporting year. A national evaluation of the epidemiological situation, with special reference to trends and sources of zoonotic infections, is given. Whenever possible, the relevance of findings in foodstuffs and animals to zoonoses cases in humans is evaluated.
The information covered by this report is used in the annual European Union Summary Reports on zoonoses and antimicrobial resistance that are published each year by EFSA.

The national report contains two parts: tables summarising data reported in the Data Collection Framework and the related text forms. The text forms were sent by email as pdf files and they are incorporated at the end of the report.

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* Directive 2003/ 99/ EC of the European Parliament and of the Council of 12 December 2003 on the monitoring of zoonoses and zoonotic agents, amending Decision 90/ 424/ EEC and repealing Council Directive 92/ 117/ EEC, OJ L 325, 17.11.2003, p. 31

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ANIMAL POPULATION TABLES

Table Susceptible animal population

No data returned for this view. This might be because the applied filter excludes all data.

DISEASE STATUS TABLES

TABLE NAME	REGION	Zoonotic Agent	DISEASE STATUS UNIT	Number of herds with status officially free	Number of infected herds	Total number of herds
Bovine brucellosis in countries and regions that do not receive Community co-financing for eradication programme	SPAIN	Brucella		95,092	0	95,092

TABLE NAME	REGION	Zoonotic Agent	DISEASE STATUS UNIT	Number of herds with status officially free	Number of infected herds	Total number of herds
Ovine or Caprine brucellosis in countries and regions that do not receive Community co-financing for eradication programme	SPAIN	Brucella suis		101,808	0	101,823

DISEASE STATUS TABLES

TABLE NAME	REGION	Zoonotic Agent	DISEASE STATUS UNIT	Number of herds with status officially free	Number of infected herds	Total number of herds
Bovine tuberculosis in countries and regions that do not receive Community co-financing for eradication programme	SPAIN	Mycobacterium tuberculosis complex (MTC)		90,148	1,391	93,471
	Galicia	Mycobacterium tuberculosis complex (MTC)		24,418	4	24,431
	Principado de Asturias	Mycobacterium tuberculosis complex (MTC)		12,507	15	12,517
	Cantabria (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		5,786	36	5,816
	País Vasco	Mycobacterium tuberculosis complex (MTC)		4,314	1	4,315
	Comunidad Foral de Navarra	Mycobacterium tuberculosis complex (MTC)		1,432	1	1,432
	La Rioja (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		256	5	282
	Aragón	Mycobacterium tuberculosis complex (MTC)		3,141	2	3,143
	Comunidad de Madrid (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		1,081	43	1,357
	Ávila	Mycobacterium tuberculosis complex (MTC)		2,467	79	2,618
	Burgos (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		880	0	880
	León	Mycobacterium tuberculosis complex (MTC)		1,836	3	1,836
	Palencia (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		473	3	485
	Salamanca (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		4,920	182	5,414
	Segovia (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		1,238	19	1,292
	Soria	Mycobacterium tuberculosis complex (MTC)		260	1	261
	Valladolid (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		353	0	353
	Zamora (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		1,039	8	1,069
	Castilla-La Mancha	Mycobacterium tuberculosis complex (MTC)		2,302	151	2,970
	Extremadura	Mycobacterium tuberculosis complex (MTC)		9,250	460	10,219
	Cataluña	Mycobacterium tuberculosis complex (MTC)		4,641	3	4,642
	Comunitat Valenciana	Mycobacterium tuberculosis complex (MTC)		519	1	521
	Illes Balears	Mycobacterium tuberculosis complex (MTC)		515	0	515
	Andalucía	Mycobacterium tuberculosis complex (MTC)		5,569	374	6,152
	Región de Murcia	Mycobacterium tuberculosis complex (MTC)		326	0	326
	Canarias (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		625	0	625

PREVALENCE TABLES

Table BRUCELLA:Brucella in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Badgers - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	25	0	Brucella	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	47	0	Brucella	0
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	herd/flock	447	0	Brucella	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	76	1	Brucella suis - biovar 2	1
	Pigs - Farm - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	herd/flock	842	6	Brucella suis - biovar 2	6
	Wild boars - farmed - Farm - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	herd/flock	7	0	Brucella	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	1570	57	Brucella suis - biovar 2	57

Table BRUCELLA:Brucella in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	Microbiological special tests	2	0	Brucella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	Microbiological special tests	1	0	Brucella	0

Table CAMPYLOBACTER:Campylobacter in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Gallus gallus (fowl) - broilers - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	N_A	Not Available	slaughter animal batch	557	358	Campylobacter coli	136
							Campylobacter jejuni	272
	Turkeys - fattening flocks - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	N_A	Not Available	slaughter animal batch	540	411	Campylobacter coli	229
							Campylobacter jejuni	255

Table CAMPYLOBACTER:Campylobacter in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	4	0	Campylobacter	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	10	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid_AytoMadrid	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid_AytoMadrid	ISO 10272-2:2017 Campylobacter	13	0	Campylobacter	0
	Meat from bovine animals - minced meat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	10	0	Campylobacter	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid_AytoMadrid	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid_AytoMadrid	ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Meat from bovine animals and pig - minced meat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	830	25	Campylobacter, unspecified sp.	25

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	50	39	Campylobacter, unspecified sp.	39
					Data from Catalunya	ISO 10272-2:2017 Campylobacter	260	155	Campylobacter coli	27
									Campylobacter jejuni	84
									Campylobacter, unspecified sp.	45
					Data from Euskadi	ISO 10272-2:2017 Campylobacter	45	45	Campylobacter coli	5
									Campylobacter jejuni	1
									Campylobacter, unspecified sp.	39
					Data from Extremadura	ISO 10272-2:2017 Campylobacter	45	30	Campylobacter, unspecified sp.	30
					Data from La Rioja	ISO 10272-2:2017 Campylobacter	60	31	Campylobacter, unspecified sp.	31
					DATA FROM MURCIA	ISO 10272-2:2017 Campylobacter	185	8	Campylobacter, unspecified sp.	8
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	214	184	Campylobacter, unspecified sp.	184
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid	ISO 10272-2:2017 Campylobacter	110	0	Campylobacter	0
					Data from Galicia	ISO 10272-2:2017 Campylobacter	1179	559	Campylobacter, unspecified sp.	559
					Data from NAVARRA	ISO 10272-2:2017 Campylobacter	260	165	Campylobacter, unspecified sp.	165
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid	Alternative enumeration analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	285	54	Campylobacter, unspecified sp.	54
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	2305	516	Campylobacter, unspecified sp.	516

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	260	16	Campylobacter, unspecified sp.	16
					Data from Comunidad Valenciana	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	2347	356	Campylobacter, unspecified sp.	356
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 10272-2:2017 Campylobacter	200	116	Campylobacter, unspecified sp.	116
					Data from Comunidad Valenciana	ISO 10272-2:2017 Campylobacter	300	297	Campylobacter, unspecified sp.	297
					Data from NAVARRA	ISO 10272-2:2017 Campylobacter	290	214	Campylobacter, unspecified sp.	214
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	260	20	Campylobacter, unspecified sp.	20
	Meat from broilers (Gallus gallus) - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	9	1	Campylobacter jejuni	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	30	20	Campylobacter, unspecified sp.	20
	Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 10272-2:2017 Campylobacter	15	5	Campylobacter jejuni	5
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	4	2	Campylobacter, unspecified sp.	2
	Meat from broilers (Gallus gallus) - fresh - with skin - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 10272-2:2017 Campylobacter	10	2	Campylobacter coli	1
									Campylobacter jejuni	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	3	1	Campylobacter, unspecified sp.	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	32	20	Campylobacter, unspecified sp.	20
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	14	2	Campylobacter coli	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from horse - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	6	0	Campylobacter	0
	Meat from other poultry species - meat preparation - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Meat from other poultry species - meat preparation - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	3	0	Campylobacter	0
	Meat from pig - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	10	0	Campylobacter	0
	Meat from pig - fresh - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from pig - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	3	1	Campylobacter, unspecified sp.	1
	Meat from pig - meat products - cooked ham - sliced - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	27	0	Campylobacter	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid_AytoMadrid	ISO 10272-2:2017 Campylobacter	4	0	Campylobacter	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	7	0	Campylobacter	0
	Meat from quails - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Meat from rabbit - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Meat from sheep - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Meat from spent hens (Gallus gallus - laying hens) - carcases - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	385	9	Campylobacter, unspecified sp.	9
	Meat from turkey - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	ISO 10272-2:2017 Campylobacter	10	0	Campylobacter	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Meat from turkey - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	6	0	Campylobacter	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from wild boar - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat, mixed meat - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from La Rioja	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with 10272-2:2017 Campylobacter, and certified if proprietary method	3	3	Campylobacter, unspecified sp.	3
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	30	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0

Table COXIELLA: in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Method	total units tested	total units positive	Number of Clinical Affected Herds	Zoonoses	N units positive
SPAIN	Cattle (bovine animals) - dairy cows - adult - Farm - Spain - animal sample - vaginal swab - Monitoring - active - Official sampling - Selective sampling	herd/flock	PCR	24	3	0	Coxiella burnetii	3
	Cattle (bovine animals) - dairy cows - adult - Farm - Spain - animal sample - vaginal swab - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	PCR	101	12	12	Coxiella burnetii	12
	Goats - Farm - Spain - animal sample - vaginal swab - Monitoring - active - Official sampling - Selective sampling	herd/flock	PCR	51	24	0	Coxiella burnetii	24
	Goats - Farm - Spain - animal sample - vaginal swab - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	PCR	32	15	15	Coxiella burnetii	15
	Sheep - Farm - Spain - animal sample - vaginal swab - Monitoring - active - Official sampling - Selective sampling	herd/flock	PCR	55	12	0	Coxiella burnetii	12
	Sheep - Farm - Spain - animal sample - vaginal swab - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	PCR	213	60	60	Coxiella burnetii	60

Table CRONOBACTER:Cronobacter in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid	ISO 22964:2017 Cronobacter	60	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
					Datafrom Castilla y León	ISO 22964:2017 Cronobacter	10	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	PCR	6	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CMadrid	ISO 22964:2017 Cronobacter	90	0	Cronobacter	0
					Datafrom Castilla y León	ISO 22964:2017 Cronobacter	20	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	PCR	2	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 22964:2017 Cronobacter	9	0	Cronobacter	0
					Data from Comunidad Valenciana	ISO 22964:2017 Cronobacter	30	0	Cronobacter	0
					DATA FROM MURCIA	ISO 22964:2017 Cronobacter	10	0	Cronobacter	0
					Data from Principado de Asturias	ISO 22964:2017 Cronobacter	90	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	PCR	6	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 22964:2017 Cronobacter	9	0	Cronobacter	0
					Data from CMadrid_AytoMadrid	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0
					Data from Galicia	ISO 22964:2017 Cronobacter	30	0	Cronobacter	0
					Data from Illes Balears	ISO 22964:2017 Cronobacter	18	0	Cronobacter	0
					Datafrom Castilla y León	ISO 22964:2017 Cronobacter	15	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 22964:2017 Cronobacter, and certified if proprietary method	12	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 22964:2017 Cronobacter	14	0	Cronobacter	0
					DATA FROM MURCIA	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
					Data from CMadrid	ISO 22964:2017 Cronobacter	90	0	Cronobacter	0
					Datafrom Castilla y León	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	1341	0	Cysticercus	0
		Data from Castilla y León	Visual inspection	animal	109832	1	Cysticercus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	18356	0	Cysticercus	0
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DatafromNAVARRA	Visual inspection	animal	59041	35	Cysticercus, unspecified sp.	35
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	281157	3	Cysticercus of Taenia saginata	3
		Data from Euskadi	Visual inspection	animal	35564	2	Cysticercus of Taenia saginata	2
		Data from Extremadura	Visual inspection	animal	97234	0	Cysticercus	0
		Data from Galicia	Visual inspection	animal	361182	0	Cysticercus	0
		Data from Principado de Asturias	Visual inspection	animal	35802	0	Cysticercus	0
	Cattle (bovine animals) - meat production animals - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	71529	0	Cysticercus	0
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	26830	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	12121	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	5866	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	86981	3	Cysticercus, unspecified sp.	3
		Data from Castilla-La Mancha	Visual inspection	animal	185592	6	Cysticercus, unspecified sp.	6
		Data from Catalunya	Visual inspection	animal	533772	8	Cysticercus, unspecified sp.	8
		Data from CMadrid	Visual inspection	animal	117256	4	Cysticercus, unspecified sp.	4
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Suspect sampling	Data from Catalunya	Histology	animal	8	1	Cysticercus of Taenia saginata	1
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	307744	0	Cysticercus	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - indoors - sows - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	55728	0	Cysticercus	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - indoors - sows and boars - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	269	0	Cysticercus	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	62180	0	Cysticercus	0
	Pigs - breeding animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	4185500	42	Cysticercus, unspecified sp.	42
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	24	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	936235	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	1676	15	Cysticercus, unspecified sp.	15

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	2133	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1019306	0	Cysticercus	0
		Data from CMadrid	Visual inspection	animal	2929	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	219	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DatafromNAVARRA	Visual inspection	animal	53339	48	Cysticercus, unspecified sp.	48
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3254001	545	Cysticercus, unspecified sp.	545
		Data from CANTABRIA	Visual inspection	animal	418	0	Cysticercus	0
		Data from Castilla y León	Visual inspection	animal	5078861	4	Cysticercus, unspecified sp.	4
		Data from CMadrid	Visual inspection	animal	310675	0	Cysticercus	0
		Data from Euskadi	Visual inspection	animal	12605	0	Cysticercus	0
		Data from Extremadura	Visual inspection	animal	503928	0	Cysticercus	0
		Data from Galicia	Visual inspection	animal	844132	1	Cysticercus of Taenia solium	1
		Data from Principado de Asturias	Visual inspection	animal	46673	0	Cysticercus	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	53104	4	Cysticercus, unspecified sp.	4
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	4017675	315	Cysticercus, unspecified sp.	315
		Data from Catalunya	Visual inspection	animal	22293123	2157	Cysticercus, unspecified sp.	2,157
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	800	0	Cysticercus	0
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	483	0	Cysticercus	0
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	1813	0	Cysticercus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	53031	0	Cysticercus	0
		Data from CANTABRIA	Visual inspection	animal	42	0	Cysticercus	0
		Data from Catalunya	Visual inspection	animal	17210	111	Cysticercus, unspecified sp.	111
		Data from Extremadura	Visual inspection	animal	55803	0	Cysticercus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CANTABRIA	Visual inspection	animal	924	0	Cysticercus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	28962	0	Cysticercus	0
		Data from Extremadura	Visual inspection	animal	26188	4	Cysticercus, unspecified sp.	4

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cantabrian chamois - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	3	0	Echinococcus	0
	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	1338	0	Echinococcus	0
		Data from Castilla y León	Visual inspection	animal	109832	820	Echinococcus granulosus sensu lato	820
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	18356	0	Echinococcus	0
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATAfromNAVARRA	Visual inspection	animal	59041	186	Echinococcus granulosus sensu lato	186
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	97234	1700	Echinococcus granulosus sensu lato	1,700
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	Visual inspection	animal	35564	16	Echinococcus granulosus sensu lato	16
		Data from Galicia	Visual inspection	animal	361182	2629	Echinococcus granulosus sensu lato	2,629
	Cattle (bovine animals) - meat production animals - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	71529	0	Echinococcus	0
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	26830	185	Echinococcus granulosus sensu lato	185
	Cattle (bovine animals) - others - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	35802	60	Echinococcus granulosus sensu lato	60
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	12121	0	Echinococcus	0
		Data from Catalunya	Visual inspection	animal	533772	182	Echinococcus granulosus sensu lato	182
		Data from La Rioja	Visual inspection	animal	7573	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	5866	51	Echinococcus granulosus sensu lato	51
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	86981	293	Echinococcus granulosus sensu lato	293
		Data from Castilla-La Mancha	Visual inspection	animal	185592	331	Echinococcus granulosus sensu lato	331
		Data from CMadrid	Visual inspection	animal	117256	2611	Echinococcus granulosus sensu lato	2,611
		Data from Comunidad Valenciana	Visual inspection	animal	281157	28	Echinococcus granulosus sensu lato	28
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	307744	44	Echinococcus granulosus sensu lato	44
	Deer - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATAfromNAVARRA	Visual inspection	animal	11	0	Echinococcus	0
	Deer - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3719	0	Echinococcus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	14	0	Echinococcus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	5348	0	Echinococcus	0
		Data from CMadrid	Visual inspection	animal	921	0	Echinococcus	0
	Deer - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATAfromNAVARRA	Visual inspection	animal	300	0	Echinococcus	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	62017	0	Echinococcus	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	69392	1	Echinococcus granulosus sensu lato	1
		Data from Principado de Asturias	Visual inspection	animal	18	0	Echinococcus	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	31721	0	Echinococcus	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	40180	0	Echinococcus	0
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	22	0	Echinococcus	0
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	1560	0	Echinococcus	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	1	0	Echinococcus	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	183	0	Echinococcus	0
		Data from CMadrid	Visual inspection	animal	5	0	Echinococcus	0
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	28321	113	Echinococcus granulosus sensu lato	113
		Data from Castilla y León	Visual inspection	animal	17695	80	Echinococcus granulosus sensu lato	80
		Data from Principado de Asturias	Visual inspection	animal	517	0	Echinococcus	0
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	66084	34	Echinococcus granulosus sensu lato	34
		Data from Principado de Asturias	Visual inspection	animal	1824	18	Echinococcus granulosus sensu lato	18
	Goats - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATAfromNAVARRA	Visual inspection	animal	3978	0	Echinococcus	0
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	6896	3	Echinococcus granulosus sensu lato	3
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	30193	0	Echinococcus	0
		Data from Galicia	Visual inspection	animal	5151	3	Echinococcus granulosus sensu lato	3
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	293	0	Echinococcus	0
	Goats - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	38557	0	Echinococcus	0
		Data from Catalunya	Visual inspection	animal	62353	0	Echinococcus	0
		Data from La Rioja	Visual inspection	animal	17476	0	Echinococcus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	492191	3102	Echinococcus granulosus sensu lato	3,102
		Data from Castilla-La Mancha	Visual inspection	animal	81534	399	Echinococcus granulosus sensu lato	399
		Data from CMadrid	Visual inspection	animal	10103	0	Echinococcus	0
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	4693	0	Echinococcus	0
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	3	0	Echinococcus	0
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	3209	0	Echinococcus	0
		Data from CMadrid	Visual inspection	animal	319	0	Echinococcus	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	62180	14	Echinococcus granulosus sensu lato	14
	Pigs - breeding animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	269	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	24	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Not Available	animal	2133	30	Echinococcus granulosus sensu lato	30
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	1676	12	Echinococcus granulosus sensu lato	12
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATAfromNAVARRA	Visual inspection	animal	53339	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1019306	0	Echinococcus	0
		Data from CMadrid	Visual inspection	animal	2929	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	219	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	503928	302	Echinococcus granulosus sensu lato	302
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3254001	246	Echinococcus granulosus sensu lato	246
		Data from CANTABRIA	Visual inspection	animal	418	0	Echinococcus	0
		Data from Castilla y León	Visual inspection	animal	5078861	140	Echinococcus granulosus sensu lato	140
		Data from CMadrid	Visual inspection	animal	310675	0	Echinococcus	0
		Data from Galicia	Visual inspection	animal	844132	7	Echinococcus granulosus sensu lato	7
		Data from Principado de Asturias	Visual inspection	animal	46673	0	Echinococcus	0
	Pigs - fattening pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	936235	0	Echinococcus	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	53104	0	Echinococcus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	22293123	2872	Echinococcus granulosus sensu lato	2,872
		Data from La Rioja	Visual inspection	animal	18681	0	Echinococcus	0
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	4017675	66	Echinococcus granulosus sensu lato	66
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	128825	520	Echinococcus granulosus sensu lato	520
		Data from Castilla y León	Visual inspection	animal	228580	4464	Echinococcus granulosus sensu lato	4,464
		Data from Euskadi	Visual inspection	animal	9816	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	1634	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2480678	198	Echinococcus granulosus sensu lato	198
		Data from Euskadi	Visual inspection	animal	54068	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	5966	4	Echinococcus granulosus sensu lato	4
	Sheep - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATAfromNAVARRA	Visual inspection	animal	203251	9	Echinococcus granulosus sensu lato	9
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	211045	154	Echinococcus granulosus sensu lato	154
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	484742	4	Echinococcus granulosus sensu lato	4
		Data from Galicia	Visual inspection	animal	25530	15	Echinococcus granulosus sensu lato	15
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	227	0	Echinococcus	0
	Sheep - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	3338	0	Echinococcus	0
	Sheep - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	14705	0	Echinococcus	0
		Data from Catalunya	Visual inspection	animal	925374	4	Echinococcus granulosus sensu lato	4
		Data from La Rioja	Visual inspection	animal	251244	0	Echinococcus	0
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	437051	2454	Echinococcus granulosus sensu lato	2,454
		Data from Castilla-La Mancha	Visual inspection	animal	1016784	10624	Echinococcus granulosus sensu lato	10,624
		Data from CMadrid	Visual inspection	animal	75195	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	16	0	Echinococcus	0
		DATAfromNAVARRA	Visual inspection	animal	12011	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	664	0	Echinococcus	0
		Data from Comunidad Valenciana	Visual inspection	animal	3782	1	Echinococcus granulosus sensu lato	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	Visual inspection	animal	169	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	866	0	Echinococcus	0
	Solipeds, domestic - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	1293	1	Echinococcus granulosus sensu lato	1
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	60	0	Echinococcus	0
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	800	0	Echinococcus	0
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	483	0	Echinococcus	0
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	1813	0	Echinococcus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	55803	0	Echinococcus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	53031	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	423	0	Echinococcus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Not Available	animal	26188	61	Echinococcus granulosus sensu lato	61
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	28962	0	Echinococcus	0

Table ESCHERICHIA COLI:Escherichia coli in food

Section: STEC - food and feed

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Basil bush - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cured seasoned pork meat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - non-pre-cut - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Fruits - non-pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	8	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - non-pre-cut - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	25	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	8	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - products - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits, vegetables and juices (fresh) - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Lettuce, head - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Lettuce, leaf - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	25	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - chilled - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	1	STEC other than O157 O26 O103 O111 O145	Not Available	stx2, gene identified , subtype unspecified ;stx1, gene identified , subtype unspecified	eae negative	1
	Meat from bovine animals - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	3	STEC other than O157 O26 O103 O111 O145	H-antigen unknown	stx1, gene identified , subtype unspecified	eae negative	2
											stx2, gene identified , subtype unspecified	eae negative	1
												eae positive	1
	Meat from bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	90	6	STEC other than O157 O26 O103 O111 O145	Not Available	stx1, gene identified , subtype unspecified	eae negative	3
											stx2, gene identified , subtype unspecified ;stx1, gene identified , subtype unspecified	eae negative	3

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	25	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	14	1	STEC other than O157 O26 O103 O111 O145	H-antigen unknown	stx1, gene identified , subtype unspecified	eae negative	1
			100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	45	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat products - cooked, ready-to-eat - Mobile retailer or market/street vendor - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Mobile retailer or market/street vendor - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	NMKL 164, 2005, 2nd Ed. Escherichia coli O157	8	2	STEC O157	H7	stx2, gene identified , subtype unspecified	eae positive	2
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	25	1	STEC, unspecified	Non-H7	stx1, gene identified , subtype unspecified	Entero-aggregative adhesion genes negative	1
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	30	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	17	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from horse - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	5	STEC O103	H-antigen unknown	stx1, gene identified , subtype unspecified	eae positive	1
									STEC O104	H4	stx1, gene identified , subtype unspecified	eae positive	2
											stx2, gene identified , subtype unspecified	eae positive	1
									STEC O111	H-antigen unknown	stx1, gene identified , subtype unspecified	eae negative	1
												eae positive	1
											stx2, gene identified , subtype unspecified	eae positive	1
									STEC O145	H-antigen unknown	stx1, gene identified , subtype unspecified	eae positive	2
									STEC O157	H-antigen unknown	stx1, gene identified , subtype unspecified	eae positive	1
									STEC O26	H-antigen unknown	stx1, gene identified , subtype unspecified	eae positive	2
											stx2, gene identified , subtype unspecified	eae positive	1
									STEC other than O157 O26 O103 O111 O145	H-antigen unknown	stx1, gene identified , subtype unspecified	eae negative	1
	Meat from pig - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	1	STEC O145	H1	stx2, gene identified , subtype unspecified	eae positive	1
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	70	1	STEC, unspecified	Non-H7	stx1, gene identified , subtype unspecified	Entero-aggregative adhesion genes negative	1
	Meat from pig - meat products - cooked ham - sliced - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	27	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - unspecified, non ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - minced meat - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	7	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from quails - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from rabbit - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from sheep - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from wild boar - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	45	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	14	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Raspberries and raspberry-like - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	40	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	4	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	19	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Castilla-La Mancha	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from CMadrid	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	45	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Extremadura	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	9	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	75	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4) STEC, and certified if proprietary method	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	45	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from CMadrid	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from CMadrid_AytoMadrid	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	25	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Soyabeans and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vaccinium berries, including bearberry - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	55	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Vegetables - leaves - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
SPAIN	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Table FLAVIVIRUS: in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination Status	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Not Available	N_A	Reverse-transcription PCR (RT-PCR)	48	0	West Nile virus	0
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Not Available	N_A	IgM-capture ELISA (MAC-ELISA) + Seroneutralisation test, serial	72	0	West Nile virus	0
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	animal	Not Available	N_A	Reverse-transcription PCR (RT-PCR)	1650	2	West Nile virus	2
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	animal	Not Available	N_A	IgM-capture ELISA (MAC-ELISA) + Seroneutralisation test, serial	46	0	West Nile virus	0
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Not Available	N_A	Reverse-transcription PCR (RT-PCR)	2598	13	West Nile virus	13
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Not Available	N_A	IgM-capture ELISA (MAC-ELISA) + Seroneutralisation test, serial	16	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	334	18	West Nile virus	18
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Unknown	N_A	Reverse-transcription PCR (RT-PCR)	33	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	146	56	West Nile virus	56

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from SANEX	54	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from SANEX	117	16	<=100	Histamine	0	2
								>100 TO <=200	Histamine	0	10
								>200	Histamine	0	4
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	<=100	Histamine	4	0
								>100 TO <=200	Histamine	4	0
								>200	Histamine	4	0
					Data from Galicia	117	1	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	1
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	<=100	Histamine	4	0
								>100 TO <=200	Histamine	4	0
								>200	Histamine	4	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	18	0	<=100	Histamine	18	0
								>100 TO <=200	Histamine	18	0
								>200	Histamine	18	0
			25	Gram	Data from Castilla-La Mancha	45	3	<=100	Histamine	0	3
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Comunidad Valenciana	90	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Euskadi	36	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Galicia	36	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					DATA FROM MURCIA	189	0	<=100	Histamine	189	0
								>100 TO <=200	Histamine	189	0
								>200	Histamine	189	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	9	0	<=100	Histamine	9	0
								>100 TO <=200	Histamine	9	0
								>200	Histamine	9	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	261	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
			100	Gram	Data from Principado de Asturias	63	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	9	0	<=100	Histamine	9	0
								>100 TO <=200	Histamine	9	0
								>200	Histamine	9	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	234	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	27	0	<=100	Histamine	27	0
								>100 TO <=200	Histamine	27	0
								>200	Histamine	27	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	<=100	Histamine	1	0
								>100 TO <=200	Histamine	1	0
								>200	Histamine	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	20	1	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	1
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	1	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	9	0	<=100	Histamine	9	0
								>100 TO <=200	Histamine	9	0
								>200	Histamine	9	0
			25	Gram	Data from CMadrid_AytoMadrid	28	2	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	2
					Data from Euskadi	6	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Galicia	144	5	<=100	Histamine	0	3
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	2
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	3	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	21	1	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	1
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	23	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
			100	Gram	Data from Principado de Asturias	18	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	90	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from NAVARRA	2	0	<=100	Histamine	2	0
								>100 TO <=200	Histamine	2	0
								>200	Histamine	2	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	180	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	27	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from SANEX	108	3	<=200	Histamine	0	3
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from SANEX	54	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	3	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					Data from Comunidad Valenciana	63	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	45	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					DATA FROM MURCIA	9	0	<=200	Histamine	9	0
								>200 TO <=400	Histamine	9	0
								>400	Histamine	9	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	99	0	<=200	Histamine	99	0
								>200 TO <=400	Histamine	99	0
								>400	Histamine	99	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from Principado de Asturias	18	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	36	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	<=200	Histamine	1	0
								>200 TO <=400	Histamine	1	0
								>400	Histamine	1	0
					Data from Euskadi	2	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					Data from Extremadura	2	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					DATA FROM MURCIA	1	0	<=200	Histamine	1	0
								>200 TO <=400	Histamine	1	0
								>400	Histamine	1	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from Principado de Asturias	27	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	1	0	<=200	Histamine	1	0
								>200 TO <=400	Histamine	1	0
								>400	Histamine	1	0
	Fish - sauce produced by fermentation of fishery products - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	1	0	<=400	Histamine	0	0
								>400	Histamine	0	0
					DATA FROM MURCIA	1	0	<=400	Histamine	1	0
								>400	Histamine	1	0
	Fish - sauce produced by fermentation of fishery products - Distribution: wholesale and retail sale - Thailand - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	1	<=400	Histamine	0	1
								>400	Histamine	0	0
	Fish - sauce produced by fermentation of fishery products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from Principado de Asturias	27	0	<=400	Histamine	0	0
								>400	Histamine	0	0

Table LISTERIA:Listeria in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Cattle (bovine animals) - Farm - Spain - animal sample - Monitoring - active - Official sampling - Suspect sampling	N_A	Microbiological tests	herd/flock	70	6	Listeria monocytogenes	6
	Goats - Farm - Spain - animal sample - Monitoring - active - Official sampling - Suspect sampling	N_A	Microbiological tests	herd/flock	8	2	Listeria monocytogenes	2
	Sheep - Farm - Spain - animal sample - Monitoring - active - Official sampling - Suspect sampling	N_A	Microbiological tests	herd/flock	600	5	Listeria monocytogenes	5

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Aioli or garlic sauce - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Bakery products - bread - Distribution: wholesale and retail sale - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - bread - Distribution: wholesale and retail sale - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - bread - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - bread - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	2	0	detection	Listeria monocytogenes	2	0
	Bakery products - bread - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Bakery products - bread - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	2	0	detection	Listeria monocytogenes	2	0
	Bakery products - bread - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Bakery products - bread - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - bread - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - cakes - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	23	0	<=100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
					Data from Euskadi	72	0	<=100	Listeria monocytogenes	72	0
								>100	Listeria monocytogenes	72	0
	Bakery products - cakes - containing heat-treated cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla y León	25	0	detection	Listeria monocytogenes	25	0
					Data from Comunidad Valenciana	100	0	detection	Listeria monocytogenes	100	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	125	0	detection	Listeria monocytogenes	125	0
	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Euskadi	18	0	<=100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0
					Data from Illes Balears	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	15	0	detection	Listeria monocytogenes	15	0
	Bakery products - cakes - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - cakes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	215	0	<=100	Listeria monocytogenes	215	0
								>100	Listeria monocytogenes	215	0
	Bakery products - desserts - Canteen or workplace catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - desserts - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
					Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - desserts - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - desserts - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	39	0	<=100	Listeria monocytogenes	39	0
								>100	Listeria monocytogenes	39	0
	Bakery products - desserts - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Bakery products - desserts - containing raw cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - desserts - containing raw cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Bakery products - desserts - containing raw eggs - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - desserts - containing raw eggs - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - desserts - containing raw eggs and cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Bakery products - desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	60	0	detection	Listeria monocytogenes	60	0
	Bakery products - desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Bakery products - desserts - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - pastry - biscuits - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - pastry - biscuits - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - pastry - choux pastry - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	30	0	detection	Listeria monocytogenes	30	0
	Bakery products - pastry - choux pastry - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Bakery products - pastry - made with raw eggs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	75	0	detection	Listeria monocytogenes	75	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Beverages, non-alcoholic - soft drinks - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cereals and meals - flakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cereals and meals - flakes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cereals and meals - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - curd - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from La Rioja	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Castilla y León	15	0	detection	Listeria monocytogenes	15	0
					data from cvalenciana-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	15	0	detection	Listeria monocytogenes	15	0
					Data from Illes Balears	35	0	detection	Listeria monocytogenes	35	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Illes Balears	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	51	0	detection	Listeria monocytogenes	51	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					data from cvalenciana-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
					Data from Madrid_AytoMadrid	30	5	<=100	Listeria monocytogenes	30	4
								>100	Listeria monocytogenes	30	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	33	0	detection	Listeria monocytogenes	33	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	15	1	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes - serovar 4b	15	1
	Cheeses made from goats' milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from La Rioja	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Cheeses made from goats' milk - fresh - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from goats' milk - fresh - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					data from cvalenciana-samples tested by detection method	10	0	detection	Listeria monocytogenes	10	0
					Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					DATA FROM MURCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					DATA FROM MURCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses made from goats' milk - hard - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Extremadura	70	4	detection	Listeria monocytogenes	70	4
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	70	4	<=100	Listeria monocytogenes	70	4
								>100	Listeria monocytogenes	70	0
					DATA FROM MURCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - fresh - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Data from Extremadura	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses made from sheep's milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	12	0	detection	Listeria monocytogenes	12	0
					Data from Castilla y León	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	90	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	90	1	detection	Listeria monocytogenes	90	1
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - hard - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - hard - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - soft and semi-soft - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	50	0	detection	Listeria monocytogenes	50	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias-samples only tested by detection method	20	3	detection	Listeria monocytogenes	20	3
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - curd - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - curd - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - curd - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - curd - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	35	0	detection	Listeria monocytogenes	35	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	190	0	detection	Listeria monocytogenes	190	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	315	0	<=100	Listeria monocytogenes	315	0
								>100	Listeria monocytogenes	315	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	15	0	detection	Listeria monocytogenes	15	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - spreadable - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	0
	Cinnamon - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Confectionery products and pastes - chocolate-based product - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Confectionery products and pastes - hard candy - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Confectionery products and pastes - soft candy - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Confectionery products and pastes - soft candy - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	8	0	detection	Listeria monocytogenes	8	0
	Crustaceans - prawns - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	20	0	detection	Listeria monocytogenes	20	0
					Data from Cantabria	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - prawns - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Crustaceans - prawns - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña_samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Crustaceans - prawns - shelled, shucked and cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - shrimps - cooked - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - shrimps - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Crustaceans - shrimps - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Crustaceans - shrimps - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	30	1	detection	Listeria monocytogenes	30	1
	Crustaceans - shrimps - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Crustaceans - shrimps - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - unspecified - cooked - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - unspecified - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Crustaceans - unspecified - cooked - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - unspecified - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cured seasoned pork meat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	60	7	detection	Listeria monocytogenes	60	7
	Cured seasoned pork meat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Cured seasoned pork meat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cured seasoned pork meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Dairy products (excluding cheeses) - butter - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - butter - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	10	2	detection	Listeria monocytogenes	10	2
	Dairy products (excluding cheeses) - cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Galicia	90	0	detection	Listeria monocytogenes	90	0
	Dairy products (excluding cheeses) - cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - fermented dairy products - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	17	0	detection	Listeria monocytogenes	17	0
					Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	25	0	detection	Listeria monocytogenes	25	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	55	0	<=100	Listeria monocytogenes	55	0
								>100	Listeria monocytogenes	55	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	50	0	detection	Listeria monocytogenes	50	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	55	0	detection	Listeria monocytogenes	55	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	150	0	<=100	Listeria monocytogenes	150	0
								>100	Listeria monocytogenes	150	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	55	0	detection	Listeria monocytogenes	55	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	14	0	detection	Listeria monocytogenes	14	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Galicia	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	25	0	detection	Listeria monocytogenes	25	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Dairy products (excluding cheeses) - yoghurt - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	45	0	detection	Listeria monocytogenes	45	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Dairy products (excluding cheeses) - yoghurt - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - yoghurt - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - yoghurt - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	25	0	detection	Listeria monocytogenes	25	0
	Dairy products (excluding cheeses) - yoghurt - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - yoghurt - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Desert date - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Desert date - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Egg products - liquid - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Egg products - liquid - white - pasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Egg products - liquid - white - pasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Egg products - liquid - whole - pasteurised - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Egg products - liquid - whole - pasteurised - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Egg products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Endive - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Fish - gravad /slightly salted - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - gravad /slightly salted - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	65	0	detection	Listeria monocytogenes	65	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - gravad /slightly salted - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	120	0	<=100	Listeria monocytogenes	120	0
								>100	Listeria monocytogenes	120	0
	Fish - gravad /slightly salted - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fish - marinated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Fish - marinated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - marinated - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - raw - chilled - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Fish - raw - chilled - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fish - raw - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - smoked - cold-smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	83	22	detection	Listeria monocytogenes	83	22
	Fish - smoked - cold-smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	275	4	<=100	Listeria monocytogenes	275	3
								>100	Listeria monocytogenes	275	1
					Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Fish - smoked - cold-smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Fish - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Fish - smoked - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	5	5	detection	Listeria monocytogenes	5	5
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	5	<=100	Listeria monocytogenes	5	5
								>100	Listeria monocytogenes	5	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	10	1	detection	Listeria monocytogenes	10	1
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	10	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Fish - smoked - hot-smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - hot-smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Fish - smoked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Fish - smoked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	25	1	<=100	Listeria monocytogenes	25	1
								>100	Listeria monocytogenes	25	0
	Fish - smoked - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	25	11	<=100	Listeria monocytogenes	25	11
								>100	Listeria monocytogenes	25	0
	Fishery products, unspecified - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fishery products, unspecified - cooked - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fishery products, unspecified - ready-to-eat - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0
	Fishery products, unspecified - ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	60	0	detection	Listeria monocytogenes	60	0
					Data from Cataluña	10	0	detection	Listeria monocytogenes	10	0
	Fishery products, unspecified - ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	320	1	<=100	Listeria monocytogenes	320	0
								>100	Listeria monocytogenes	320	1
	Fishery products, unspecified - smoked - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	10	5	<=100	Listeria monocytogenes	10	3
								>100	Listeria monocytogenes	10	2
	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	29	1	<=100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	1
					DATA FROM MURCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Follow-on formulae - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	20	0	detection	Listeria monocytogenes	20	0
	Follow-on formulae - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	Follow-on formulae - Storage - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	60	0	detection	Listeria monocytogenes	60	0
	Food supplements and similar preparations - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Food supplements and similar preparations - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Food supplements and similar preparations - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Food supplements and similar preparations - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Food supplements and similar preparations - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	10	0	detection	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	30	0	detection	Listeria monocytogenes	30	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	20	0	detection	Listeria monocytogenes	20	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	3	0	detection	Listeria monocytogenes	3	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Storage - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	30	0	detection	Listeria monocytogenes	30	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	90	0	detection	Listeria monocytogenes	90	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	6	0	detection	Listeria monocytogenes	6	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	50	0	detection	Listeria monocytogenes	50	0
	Fruits - pre-cut - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Fruits - pre-cut - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	10	0	detection	Listeria monocytogenes	10	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
					Data from Madrid	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	15	0	detection	Listeria monocytogenes	15	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	12	0	detection	Listeria monocytogenes	12	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	29	0	<=100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	0
					Data from Madrid	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	10	0	detection	Listeria monocytogenes	10	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fruits - pre-cut - ready-to-eat - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	1	0	detection	Listeria monocytogenes	1	0
	Fruits - pre-cut - ready-to-eat - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fruits and vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fruits and vegetables - non-pre-cut - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits and vegetables - pre-cut - ready-to-eat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	35	0	detection	Listeria monocytogenes	35	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Fruits and vegetables - pre-cut - ready-to-eat - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	18	0	<=100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0
					Data from Euskadi	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
					Data from Galicia	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
					DATA FROM MURCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Infant formula - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0
	Infant formula - dried - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	35	0	detection	Listeria monocytogenes	35	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
					Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Infant formula - dried - intended for infants below 6 months - Storage - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	30	0	detection	Listeria monocytogenes	30	0
	Infant formula - liquid - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	3	0	detection	Listeria monocytogenes	3	0
	Infant formula - liquid - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Infant formula - liquid - intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Infant formula - liquid - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	10	0	detection	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	50	0	detection	Listeria monocytogenes	50	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	6	0	detection	Listeria monocytogenes	6	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	5	0	detection	Listeria monocytogenes	5	0
	Juice - fruit juice - unpasteurised - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Juice - fruit juice - unpasteurised - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria_samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	10	0	detection	Listeria monocytogenes	10	0
	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Juice - mixed juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	20	0	detection	Listeria monocytogenes	20	0
	Juice - mixed juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	data from cvalenciana-samples tested by detection method	30	0	detection	Listeria monocytogenes	30	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Comunidad Valenciana	145	0	<=100	Listeria monocytogenes	145	0
								>100	Listeria monocytogenes	145	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	11	0	detection	Listeria monocytogenes	11	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
	Lettuce - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Lettuce - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Live bivalve molluscs - mussels - depurated - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Live bivalve molluscs - unspecified - depurated - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	26	0	<=100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	10	0	detection	Listeria monocytogenes	10	0
	Meat from bovine animals - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - cooked, ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from bovine animals - meat products - meat specialities - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - unspecified, ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - unspecified, ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	40	0	detection	Listeria monocytogenes	40	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	165	0	<=100	Listeria monocytogenes	165	0
								>100	Listeria monocytogenes	165	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	1	1	detection	Listeria monocytogenes	1	1
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	1	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from deer (venison) - meat products - raw and intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from duck - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	19	1	<=100	Listeria monocytogenes	19	1
								>100	Listeria monocytogenes	19	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from pig - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	40	1	detection	Listeria monocytogenes	40	1
	Meat from pig - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Meat from pig - meat products - cooked ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	30	0	detection	Listeria monocytogenes	30	0
	Meat from pig - meat products - cooked ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Meat from pig - meat products - cooked ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	20	0	detection	Listeria monocytogenes	20	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	5	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	5
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Extremadura	10	0	detection	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	5	<=100	Listeria monocytogenes	5	1
								>100	Listeria monocytogenes	5	4
					Data from Euskadi	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked ham - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked ham - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
					data from cvalenciana-samples tested by detection method	125	2	detection	Listeria monocytogenes	125	2
					Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
					Data from Illes Balears	25	1	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	1
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	20	0	detection	Listeria monocytogenes	20	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Extremadura	15	0	detection	Listeria monocytogenes	15	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Extremadura	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	3	0	detection	Listeria monocytogenes	3	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	27	1	<=100	Listeria monocytogenes	27	1
								>100	Listeria monocytogenes	27	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0
					Data from La Rioja	2	0	detection	Listeria monocytogenes	2	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	35	6	<=100	Listeria monocytogenes	35	6
								>100	Listeria monocytogenes	35	0
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	25	1	detection	Listeria monocytogenes	25	1
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	295	60	detection	Listeria monocytogenes	295	60
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	20	0	detection	Listeria monocytogenes	20	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	5	5	detection	Listeria monocytogenes	5	5
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	5	5	<=100	Listeria monocytogenes	5	5
								>100	Listeria monocytogenes	5	0
					Data from Cataluña_samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - meat specialities - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Meat from pig - meat products - non-ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - pâté - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - pâté - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	9	0	detection	Listeria monocytogenes	9	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	15	12	detection	Listeria monocytogenes	15	12
					Data from Castilla-La Mancha. Samples tested only by detection method	45	23	detection	Listeria monocytogenes	45	23
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	12	<=100	Listeria monocytogenes	12	7
								>100	Listeria monocytogenes	12	5
					Data from Castilla-La Mancha. Samples tested only by enumeration method	55	1	<=100	Listeria monocytogenes	55	1
								>100	Listeria monocytogenes	55	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	910	24	detection	Listeria monocytogenes	910	24
					Data from Cataluña	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	55	14	detection	Listeria monocytogenes	55	14
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	55	14	<=100	Listeria monocytogenes	55	14
								>100	Listeria monocytogenes	55	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	810	0	<=100	Listeria monocytogenes	810	0
								>100	Listeria monocytogenes	810	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Castilla y León	20	0	detection	Listeria monocytogenes	20	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw ham - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw ham - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw ham - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from pig - meat products - raw ham - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León-samples tested by detection method	40	13	detection	Listeria monocytogenes	40	13
					Data from Extremadura_Samples tested only with detection method	140	9	detection	Listeria monocytogenes	140	9
					Data from La Rioja	40	0	detection	Listeria monocytogenes	40	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	90	0	<=100	Listeria monocytogenes	90	0
								>100	Listeria monocytogenes	90	0
					Data from Extremadura	200	17	<=100	Listeria monocytogenes	200	11
								>100	Listeria monocytogenes	200	6
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	40	3	<=100	Listeria monocytogenes	40	3
								>100	Listeria monocytogenes	40	3
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	25	1	detection	Listeria monocytogenes	25	1
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	25	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Madrid_AytoMadrid	56	0	<=100	Listeria monocytogenes	56	0
								>100	Listeria monocytogenes	56	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Meat from pig - meat products - unspecified, non ready-to-eat - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - unspecified, non ready-to-eat - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	5	0	detection	Listeria monocytogenes	5	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from turkey - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from turkey - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Meat from turkey - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from turkey - meat products - raw and intended to be eaten raw - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from turkey - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from wild boar - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from wild boar - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Meat from wild boar - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - minced meat - intended to be eaten cooked - chilled - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					Data from Galicia	15	0	detection	Listeria monocytogenes	15	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	25	0	detection	Listeria monocytogenes	25	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Cataluña	20	0	detection	Listeria monocytogenes	20	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
				Millilitre	Data from Cataluña	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk, cows' - raw milk - intended for direct human consumption - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	5	1	detection	Listeria monocytogenes	5	1
	Milk, cows' - UHT milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Milk, cows' - UHT milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Milk, goats' - raw milk for manufacture - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Galicia	60	0	detection	Listeria monocytogenes	60	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Molluscan shellfish - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Molluscan shellfish - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	45	0	detection	Listeria monocytogenes	45	0
	Molluscan shellfish - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	55	0	<=100	Listeria monocytogenes	55	0
								>100	Listeria monocytogenes	55	0
	Molluscan shellfish - cooked - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Molluscan shellfish - cooked - frozen - Cold storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	5	3	detection	Listeria monocytogenes	5	3
	Molluscan shellfish - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	70	2	<=100	Listeria monocytogenes	70	2
								>100	Listeria monocytogenes	70	0
	Molluscan shellfish - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Molluscan shellfish - shelled, shucked and cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Nut/seeds paste/emulsion/mass - Peanut butter - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - egg based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					data from cvalenciana-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	30	0	detection	Listeria monocytogenes	30	0
					Data from Cataluña	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Euskadi	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Madrid	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	140	0	<=100	Listeria monocytogenes	140	0
								>100	Listeria monocytogenes	140	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - egg based dishes - Take-away or fast-food outlet - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Galicia	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					data from cvalenciana-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	25	0	detection	Listeria monocytogenes	25	0
					Data from Cataluña_samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
					Data from Euskadi	42	0	<=100	Listeria monocytogenes	42	0
								>100	Listeria monocytogenes	42	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
					Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	135	0	<=100	Listeria monocytogenes	135	0
								>100	Listeria monocytogenes	135	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Madrid	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from La Rioja	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	7	0	detection	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Canteen or workplace catering - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla y León	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana	65	0	<=100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Madrid	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Euskadi	37	0	<=100	Listeria monocytogenes	37	0
								>100	Listeria monocytogenes	37	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Madrid	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - meat based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Galicia	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla y León-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
					data from cvalenciana-samples tested by detection method	35	0	detection	Listeria monocytogenes	35	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Castilla y León	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Comunidad Valenciana	75	0	<=100	Listeria monocytogenes	75	0
								>100	Listeria monocytogenes	75	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	45	0	detection	Listeria monocytogenes	45	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	45	0	detection	Listeria monocytogenes	45	0
					Data from Cataluña	14	1	detection	Listeria monocytogenes	14	1
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	14	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	12	0	detection	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Madrid	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	65	0	<=100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	0
					Data from Euskadi	93	0	<=100	Listeria monocytogenes	93	0
								>100	Listeria monocytogenes	93	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	105	0	<=100	Listeria monocytogenes	105	0
								>100	Listeria monocytogenes	105	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
					Data from Madrid	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - mushroom based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Euskadi	23	0	<=100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pasta based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Madrid	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta cooked - Canteen or workplace catering - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pasta cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	35	0	detection	Listeria monocytogenes	35	0
	Other processed food products and prepared dishes - pasta cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Other processed food products and prepared dishes - pasta cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	25	0	detection	Listeria monocytogenes	25	0
	Other processed food products and prepared dishes - pasta cooked - Hospital or medical care facility - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pasta cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pasta cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - potato based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - potato based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Other processed food products and prepared dishes - potato based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - rice based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunidad Valenciana	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	17	0	<=100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
					Data from Euskadi	31	0	<=100	Listeria monocytogenes	31	0
								>100	Listeria monocytogenes	31	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Madrid	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - sandwiches - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - Sandwiches - with fish - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - sushi - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - sushi - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	50	2	<=100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	50	2	detection	Listeria monocytogenes	50	2
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	150	0	detection	Listeria monocytogenes	150	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
					Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	8	0	detection	Listeria monocytogenes	8	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	15	3	<=100	Listeria monocytogenes	15	3
								>100	Listeria monocytogenes	15	0
					Data from Madrid_AytoMadrid	74	0	<=100	Listeria monocytogenes	74	0
								>100	Listeria monocytogenes	74	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	7	0	detection	Listeria monocytogenes	7	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					data from cvalenciana-samples tested by detection method	20	1	detection	Listeria monocytogenes	20	1
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	755	0	<=100	Listeria monocytogenes	755	0
								>100	Listeria monocytogenes	755	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	100	0	detection	Listeria monocytogenes	100	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	12	1	<=100	Listeria monocytogenes	12	1
								>100	Listeria monocytogenes	12	0
					Data from Euskadi	44	0	<=100	Listeria monocytogenes	44	0
								>100	Listeria monocytogenes	44	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	27	0	<=100	Listeria monocytogenes	27	0
								>100	Listeria monocytogenes	27	0
					Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	370	0	<=100	Listeria monocytogenes	370	0
								>100	Listeria monocytogenes	370	0
	Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Madrid	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - vegetable based dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - vegetable based dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - vegetarian pâté - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Other products of animal origin - gelatin and collagen - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Other products of animal origin - gelatin and collagen - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Papaya - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Ready-to-eat salads - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Ready-to-eat salads - containing mayonnaise - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	14	0	<=100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
					Data from Euskadi	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	10	1	detection	Listeria monocytogenes	10	1
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Ready-to-eat salads - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	55	1	detection	Listeria monocytogenes	55	1
	Ready-to-eat salads - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana	670	0	<=100	Listeria monocytogenes	670	0
								>100	Listeria monocytogenes	670	0
	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Ready-to-eat salads - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	20	0	detection	Listeria monocytogenes	20	0
	Ready-to-eat salads - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	29	0	<=100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	0
					Data from Euskadi	70	0	<=100	Listeria monocytogenes	70	0
								>100	Listeria monocytogenes	70	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	27	0	<=100	Listeria monocytogenes	27	0
								>100	Listeria monocytogenes	27	0
	Ready-to-eat salads - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Ready-to-eat salads - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Red pitaya - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Roe - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Sauce and dressings - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	15	0	detection	Listeria monocytogenes	15	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Sauce and dressings - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	25	0	detection	Listeria monocytogenes	25	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	18	0	detection	Listeria monocytogenes	18	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	18	0	<=100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cataluña	35	0	detection	Listeria monocytogenes	35	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Cataluña	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	14	0	<=100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
					Data from Galicia	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	45	25	<=100	Listeria monocytogenes	45	25
								>100	Listeria monocytogenes	45	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	20	0	detection	Listeria monocytogenes	20	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha. Samples taken with n=1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	5	0	detection	Listeria monocytogenes	5	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Seeds, sprouted - ready-to-eat - Storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Snails - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Snails - cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Soups - ready-to-eat - Canteen or workplace catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Soups - ready-to-eat - Hospital or medical care facility - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Euskadi	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Soups - ready-to-eat - School or kindergarten - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	145	0	<=100	Listeria monocytogenes	145	0
								>100	Listeria monocytogenes	145	0
					DATA FROM MURCIA	140	0	<=100	Listeria monocytogenes	140	0
								>100	Listeria monocytogenes	140	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	7	0	detection	Listeria monocytogenes	7	0
	Spices and herbs - dried - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Surimi - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from cvalenciana-samples tested by detection method	5	0	detection	Listeria monocytogenes	5	0
	Surimi - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Surimi - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Surimi - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Surimi - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	10	0	detection	Listeria monocytogenes	10	0
	Surimi - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from NAVARRA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Sweet corn - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - non-pre-cut - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - non-pre-cut - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Vegetables - pre-cut - non-ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	45	0	detection	Listeria monocytogenes	45	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cataluña	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	15	0	detection	Listeria monocytogenes	15	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	355	0	<=100	Listeria monocytogenes	355	0
								>100	Listeria monocytogenes	355	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Vegetables - products - canned - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - products - canned - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - products - cream - Distribution: wholesale and retail sale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Vegetables-based cooked sauce - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0

Table LYSSAVIRUS:Lyssavirus in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Bats - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	100	2	European bat lyssavirus 1	2
	Cats - pet animals - Veterinary clinics - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	14	0	Lyssavirus	0
	Dogs - pet animals - Veterinary clinics - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	44	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Other animals - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Rabbits - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Rats - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
	Squirrels - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cantabrian chamois - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	3	0	Mycobacterium	0
	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	1338	4	Mycobacterium bovis	4
		Data from Castilla y León	Visual inspection	animal	109832	20	Mycobacterium spp., unspecified	20
		Data from Galicia	Visual inspection	animal	361182	38	Mycobacterium spp., unspecified	38
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	18356	2	Mycobacterium spp., unspecified	2
	Cattle (bovine animals) - heifers - breeding (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	C.A. DATA FROM MURCIA	Visual inspection	animal	71529	26	Mycobacterium bovis	19
							Mycobacterium caprae	5
							Mycobacterium spp., unspecified	2
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from NAVARRA	Visual inspection	animal	59041	2	Mycobacterium spp., unspecified	2
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	Visual inspection	animal	35564	0	Mycobacterium	0
		Data from Extremadura	Visual inspection	animal	97234	1035	Mycobacterium spp., unspecified	1,035
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	26830	673	Mycobacterium spp., unspecified	673
	Cattle (bovine animals) - others - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	35802	64	Mycobacterium spp., unspecified	64
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	7573	16	Mycobacterium spp., unspecified	16
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	5866	14	Mycobacterium spp., unspecified	14
		Data from Comunidad Valenciana	Visual inspection	animal	8320	2	Mycobacterium tuberculosis complex (MTC)	2
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	86981	149	Mycobacterium spp., unspecified	149
		Data from Aragon	Visual inspection	animal	124779	0	Mycobacterium	0
		Data from Canarias	Visual inspection	animal	12121	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	185592	30	Mycobacterium bovis	27
							Mycobacterium caprae	1
							Mycobacterium tuberculosis complex (MTC)	2
		Data from Catalunya	Visual inspection	animal	533772	6	Mycobacterium avium	1
							Mycobacterium spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	533772	6	Mycobacterium tuberculosis complex (MTC)	4
		Data from CMadrid	Visual inspection	animal	117256	68	Mycobacterium spp., unspecified	68
		Data from Comunidad Valenciana	Visual inspection	animal	272837	26	Mycobacterium tuberculosis complex (MTC)	26
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	307744	0	Mycobacterium	0
	Deer - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3719	1	Mycobacterium spp., unspecified	1
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	14	0	Mycobacterium	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	5348	11	Mycobacterium spp., unspecified	11
		Data from CMadrid	Visual inspection	animal	921	0	Mycobacterium	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	69392	19	Mycobacterium spp., unspecified	19
		Data from Extremadura	Visual inspection	animal	62017	39	Mycobacterium spp., unspecified	39
		Data from Principado de Asturias	Visual inspection	animal	18	0	Mycobacterium	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	40180	41	Mycobacterium spp., unspecified	41
		Data from Extremadura	Visual inspection	animal	31721	571	Mycobacterium spp., unspecified	571
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	22	0	Mycobacterium	0
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	1560	0	Mycobacterium	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	1	0	Mycobacterium	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	183	0	Mycobacterium	0
		Data from CMadrid	Visual inspection	animal	5	0	Mycobacterium	0
	Deer - wild - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	29	0	Mycobacterium	0
	Doves - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	4820	0	Mycobacterium	0
	Ducks - foie gras production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	99580	0	Mycobacterium	0
	Gallus gallus (fowl) - broilers - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	75354011	0	Mycobacterium	0
	Gallus gallus (fowl) - laying hens - adult - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2765497	0	Mycobacterium	0
	Geese - foie gras production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	20	0	Mycobacterium	0
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	17695	3	Mycobacterium spp., unspecified	3
		Data from Castilla-La Mancha	Visual inspection	animal	24086	33	Mycobacterium bovis	7
							Mycobacterium caprae	11

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	24086	33	Mycobacterium spp., unspecified	15
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	66084	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	57448	0	Mycobacterium	0
	Goats - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from NAVARRA	Visual inspection	animal	3978	0	Mycobacterium	0
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	30193	0	Mycobacterium	0
		Data from Extremadura	Visual inspection	animal	6896	0	Mycobacterium	0
		Data from Galicia	Visual inspection	animal	5151	0	Mycobacterium	0
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	293	0	Mycobacterium	0
	Goats - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	17476	5	Mycobacterium spp., unspecified	5
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	492191	1150	Mycobacterium spp., unspecified	1,150
		Data from Canarias	Visual inspection	animal	38557	0	Mycobacterium	0
		Data from CMadrid	Visual inspection	animal	10103	0	Mycobacterium	0
	Guinea fowl - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2438	0	Mycobacterium	0
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	4693	0	Mycobacterium	0
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	3	0	Mycobacterium	0
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	3209	0	Mycobacterium	0
		Data from CMadrid	Visual inspection	animal	319	0	Mycobacterium	0
	Partridges - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2500	0	Mycobacterium	0
	Pheasants - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	4346	0	Mycobacterium	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	62180	0	Mycobacterium	0
	Pigs - breeding animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	269	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	24	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	1676	9	Mycobacterium spp., unspecified	9
		Data from Extremadura	Visual inspection	animal	2133	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1019306	0	Mycobacterium	0
		Data from CMadrid	Visual inspection	animal	2929	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	219	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3254001	1601	Mycobacterium spp., unspecified	1,601

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	5078861	0	Mycobacterium	0
		Data from CMadrid	Visual inspection	animal	310675	0	Mycobacterium	0
		Data from Extremadura	Visual inspection	animal	503928	107	Mycobacterium spp., unspecified	107
		Data from Galicia	Visual inspection	animal	844132	0	Mycobacterium	0
	Pigs - fattening pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	936235	0	Mycobacterium	0
	Pigs - fattening pigs - unspecified - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	11773	0	Mycobacterium	0
	Pigs - fattening pigs - unspecified - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	4005902	0	Mycobacterium	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	18681	0	Mycobacterium	0
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	53104	0	Mycobacterium	0
	Rabbits - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	6789945	0	Mycobacterium	0
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	228580	1	Mycobacterium spp., unspecified	1
		Data from Castilla-La Mancha	Visual inspection	animal	207389	0	Mycobacterium	0
		Data from Euskadi	Visual inspection	animal	9816	0	Mycobacterium	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2480678	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	809395	0	Mycobacterium	0
	Sheep - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from NAVARRA	Visual inspection	animal	203251	0	Mycobacterium	0
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	484742	0	Mycobacterium	0
		Data from Extremadura	Visual inspection	animal	211045	0	Mycobacterium	0
		Data from Galicia	Visual inspection	animal	25530	0	Mycobacterium	0
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	227	0	Mycobacterium	0
	Sheep - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	3338	0	Mycobacterium	0
	Sheep - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	251244	0	Mycobacterium	0
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	437051	0	Mycobacterium	0
		Data from Canarias	Visual inspection	animal	14705	0	Mycobacterium	0
		Data from CMadrid	Visual inspection	animal	75195	0	Mycobacterium	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	16	0	Mycobacterium	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	3782	0	Mycobacterium	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	60	0	Mycobacterium	0
		Data from Castilla y León	Visual inspection	animal	3019	0	Mycobacterium	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Turkeys - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	910014	0	Mycobacterium	0
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	800	1	Mycobacterium spp., unspecified	1
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	Visual inspection	animal	483	0	Mycobacterium	0
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	Visual inspection	animal	1813	0	Mycobacterium	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	53031	11	Mycobacterium spp., unspecified	11
		Data from Catalunya	Visual inspection	animal	17210	20	Mycobacterium tuberculosis complex (MTC)	20
		Data from Extremadura	Visual inspection	animal	55803	2	Mycobacterium spp., unspecified	2
		Data from Principado de Asturias	Visual inspection	animal	423	0	Mycobacterium	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	28962	79	Mycobacterium spp., unspecified	79
		Data from Extremadura	Visual inspection	animal	26188	3208	Mycobacterium spp., unspecified	3,208
	Wild boars - wild - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	33	0	Mycobacterium	0
SPAIN	Badgers - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	178	18	Mycobacterium tuberculosis complex (MTC)	18
	Camels - farmed - Farm - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Selective sampling	N_A	Skin test	herd/flock	27	0	Mycobacterium	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	161	73	Mycobacterium tuberculosis complex (MTC)	73
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	934	322	Mycobacterium tuberculosis complex (MTC)	322
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	115	6	Mycobacterium tuberculosis complex (MTC)	6
	Foxes - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	21	2	Mycobacterium tuberculosis complex (MTC)	2
	Goats - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Selective sampling	N_A	Skin test	herd/flock	10774	377	Mycobacterium tuberculosis complex (MTC)	377
	Sheep - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Selective sampling	N_A	Skin test	herd/flock	99	5	Mycobacterium tuberculosis complex (MTC)	5
	Wild boars - farmed - Farm - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Selective sampling	N_A	Skin test	herd/flock	6	1	Mycobacterium tuberculosis complex (MTC)	1
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	3363	987	Mycobacterium tuberculosis complex (MTC)	987

Table SALMONELLA:Salmonella in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Number of Flocks Under Control Programme	Target Verification	Sampling Details	Method	total units tested	total units positive	Zoonoses	Units positive
SPAIN	Gallus gallus (fowl) - breeding flocks for broiler production line - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1574	Y	N_A	Not Available	1574	92	Salmonella 1,4,5,12:i:-	2
									Salmonella Enteritidis	3
									Salmonella Goldcoast	5
									Salmonella Infantis	6
									Salmonella Kentucky	1
									Salmonella Mikawasima	4
									Salmonella Newport	2
									Salmonella Nima	5
									Salmonella Other serovars	47
									Salmonella Schwarzengrund	3
									Salmonella Toulon	7
									Salmonella Typhimurium	1
									Salmonella Virchow	1
									Salmonella Worthington	5
	Gallus gallus (fowl) - breeding flocks for egg production line - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	89	Y	N_A	Not Available	89	7	Salmonella Mishmarhaemek	1
									Salmonella Other serovars	6
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	1638	70	Salmonella 1,4,5,12:i:-	2
									Salmonella Enteritidis	3
									Salmonella Infantis	5
									Salmonella Kentucky	1
									Salmonella Mikawasima	2
									Salmonella Nima	5
									Salmonella Other serovars	44
									Salmonella Toulon	2
									Salmonella Virchow	1
									Salmonella Worthington	5
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	1427	39	Salmonella Albany	4
									Salmonella Infantis	3
									Salmonella Mbandaka	1
									Salmonella Mikawasima	3
									Salmonella Other serovars	22
									Salmonella Toulon	5
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - breeding flocks, unspecified - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	939	22	Salmonella 1,4,5,12:i:-	7
									Salmonella Hessarek	1
									Salmonella Kedougou	3
									Salmonella Other serovars	6
									Salmonella Toulon	3
									Salmonella Typhimurium	2
	Gallus gallus (fowl) - breeding flocks, unspecified - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N_A	N_A	Not Available	939	22	Salmonella 1,4,5,12:i:-	7
									Salmonella Hessarek	1
									Salmonella Kedougou	3
									Salmonella Other serovars	6
									Salmonella Toulon	3
									Salmonella Typhimurium	2
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	39499	1171	Salmonella 1,4,5,12:i:-	17
									Salmonella Albany	35
									Salmonella Enteritidis	7
									Salmonella Grumpensis	54
									Salmonella Infantis	177
									Salmonella Isangi	11
									Salmonella Kedougou	9
									Salmonella Kimuenza	11
									Salmonella Mbandaka	80

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Number of Flocks Under Control Programme	Target Verification	Sampling Details	Method	total units tested	total units positive	Zoonoses	Units positive
SPAIN	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	39499	1171	Salmonella Mikawasima	15
									Salmonella Muenchen	18
									Salmonella Other serovars	608
									Salmonella Senftenberg	26
									Salmonella Toulon	21
									Salmonella Typhimurium	7
									Salmonella Virchow	75
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	39540	Y	N_A	Not Available	39540	1234	Salmonella 1,4,5,12:i:-	19
									Salmonella Albany	36
									Salmonella Enteritidis	8
									Salmonella Grumpensis	56
									Salmonella Infantis	203
									Salmonella Isangi	13
									Salmonella Kedougou	10
									Salmonella Kimuenza	11
									Salmonella Mbandaka	89
									Salmonella Mikawasima	17
									Salmonella Muenchen	18
									Salmonella Niloese	8
									Salmonella Other serovars	611
									Salmonella Senftenberg	27
									Salmonella Toulon	22
									Salmonella Typhimurium	8
									Salmonella Virchow	78
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	404	75	Salmonella 1,4,5,12:i:-	2
									Salmonella Chester	4
									Salmonella Enteritidis	1
									Salmonella Infantis	29
									Salmonella Mbandaka	9
									Salmonella Other serovars	29
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	3253	106	Salmonella 1,4,5,12:i:-	1
									Salmonella Enteritidis	8
									Salmonella Other serovars	92
									Salmonella Typhimurium	5
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3325	Y	N_A	Not Available	3325	213	Salmonella 1,4,5,12:i:-	1
									Salmonella Corvallis	12
									Salmonella Enteritidis	36
									Salmonella Infantis	26
									Salmonella Kentucky	2
									Salmonella Mbandaka	6
									Salmonella Mikawasima	6
									Salmonella Newport	6
									Salmonella Ohio	9
									Salmonella Other serovars	91
									Salmonella Thompson	4
									Salmonella Toulon	2
									Salmonella Typhimurium	12
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	853	117	Salmonella Enteritidis	29
									Salmonella Other serovars	81
									Salmonella Typhimurium	7
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Spain - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	1418	15	Salmonella 1,4,5,12:i:-	1
									Salmonella Other serovars	14
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N_A	N_A	Not Available	1418	16	Salmonella 1,4,5,12:i:-	1
									Salmonella Kentucky	1
									Salmonella Other serovars	14
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	7	1	Salmonella Kentucky	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Number of Flocks Under Control Programme	Target Verification	Sampling Details	Method	total units tested	total units positive	Zoonoses	Units positive
SPAIN	Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	82	19	Salmonella Kentucky	15
									Salmonella Other serovars	3
									Salmonella Typhimurium	1
	Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	86	Y	N_A	Not Available	86	23	Salmonella Kedougou	1
									Salmonella Kentucky	16
									Salmonella Other serovars	5
									Salmonella Typhimurium	1
	Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	50	14	Salmonella Chester	3
									Salmonella Kentucky	8
									Salmonella Other serovars	3
	Turkeys - breeding flocks, unspecified - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	74	2	Salmonella Kentucky	1
									Salmonella Other serovars	1
	Turkeys - breeding flocks, unspecified - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N_A	N_A	Not Available	74	2	Salmonella Kentucky	1
									Salmonella Other serovars	1
	Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	3823	112	Salmonella 1,4,5,12:i:-	1
									Salmonella Bovismorbificans	6
									Salmonella Bredeney	9
									Salmonella Chester	19
									Salmonella Goldcoast	6
									Salmonella Mikawasima	6
									Salmonella Other serovars	27
									Salmonella Saintpaul	6
									Salmonella Senftenberg	7
									Salmonella Uganda	25
	Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3829	Y	N_A	Not Available	3829	124	Salmonella 1,4,5,12:i:-	2
									Salmonella Bovismorbificans	6
									Salmonella Bredeney	10
									Salmonella Chester	21
									Salmonella Derby	6
									Salmonella Enteritidis	1
									Salmonella Goldcoast	6
									Salmonella Mikawasima	7
									Salmonella Other serovars	26
									Salmonella Saintpaul	6
									Salmonella Senftenberg	8
									Salmonella Uganda	25
	Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	75	16	Salmonella 1,4,5,12:i:-	1
									Salmonella Derby	3
									Salmonella Enteritidis	1
									Salmonella Other serovars	11

Table SALMONELLA:Salmonella in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Aioli or garlic sauce - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Anise seed and similar - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Anise seed and similar - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - cakes - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	72	0	Salmonella	0
	Bakery products - cakes - containing raw cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Bakery products - cakes - containing raw cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - cakes - containing raw cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	3	0	Salmonella	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	18	0	Salmonella	0
	Bakery products - cakes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Bakery products - desserts - Canteen or workplace catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - desserts - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	39	0	Salmonella	0
	Bakery products - desserts - containing raw cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Bakery products - desserts - containing raw cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Bakery products - desserts - containing raw eggs - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - desserts - containing raw eggs - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Bakery products - desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Bakery products - pastry - biscuits - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Bakery products - pastry - biscuits - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Bakery products - pastry - biscuits - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - pastry - choux pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	100	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	85	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Bakery products - pastry - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Basil (common or sweet) - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Bay - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
	Bay - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Beverages, non-alcoholic - soft drinks - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Beverages, non-alcoholic - soft drinks - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Black pepper - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	52	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	3	Salmonella Nottingham	3
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Switzerland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	33	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	0	Salmonella	0
	Cheeses made from goats' milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from goats' milk - hard - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	65	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	70	5	Salmonella spp., unspecified	5
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	90	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	5	Salmonella spp., unspecified	5
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	5	Salmonella spp., unspecified	5

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	90	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	140	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Cinnamon - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Coconut - coconut products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Confectionery products and pastes - chocolate-based product - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Confectionery products and pastes - hard candy - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Confectionery products and pastes - soft candy - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Confectionery products and pastes - soft candy - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0
	Coriander - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - prawns - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Crustaceans - prawns - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - prawns - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Crustaceans - prawns - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Colombia - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Ecuador - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	2	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Venezuela - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Crustaceans - prawns - cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0
	Crustaceans - prawns - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - shrimps - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	85	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - shrimps - cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Crustaceans - shrimps - cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Crustaceans - shrimps - raw - frozen - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Distribution: wholesale and retail sale - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	3	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Crustaceans - unspecified - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - unspecified - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Cumin seed and similar - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cured seasoned pork meat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Cured seasoned pork meat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	85	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	70	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	155	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	17	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	135	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	14	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - United States - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	9	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	25	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	20	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Dill - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Egg products - liquid - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Egg products - liquid - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	120	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Egg products - liquid - white - pasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	4	Salmonella Rissen	4
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Egg products - liquid - yolk - pasteurised - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Egg products - liquid - yolk - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Egg products - liquid - yolk - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Eggs - quail eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Eggs - table eggs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Eggs - table eggs - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Eggs - table eggs - mixed whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	360	0	Salmonella	0
	Eggs - table eggs - mixed whole - Packing centre - Spain - food sample - Surveillance - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	104	3	Salmonella spp., unspecified	3
	Eggs - table eggs - Packing centre - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	22	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	360	3	Salmonella Thompson	3
	Eggs - table eggs - shell - Packing centre - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	22	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Eggs - table eggs - shell - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	380	8	Salmonella Enteritidis	4
									Salmonella Infantis	1
									Salmonella London	3
	Eggs - table eggs - whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Eggs - table eggs - whole - Packing centre - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Eggs - table eggs - whole - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Eggs - table eggs - whole - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Eggs - table eggs - whole - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	380	2	Salmonella London	2
					Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	14	0	Salmonella	0
	Fennel - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Fennel seed and similar - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - gravad /slightly salted - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	11	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Fish - marinated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fish - raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Fish - raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Fish - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fish - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Fishery products, unspecified - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fishery products, unspecified - cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Fishery products, unspecified - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Follow-on formulae - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	0	Salmonella	0
	Follow-on formulae - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	90	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Follow-on formulae - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Follow-on formulae - Storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	180	0	Salmonella	0
	Food supplements and similar preparations - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Food supplements and similar preparations - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	90	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Frozen bivalve molluscs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Fruits - pre-cut - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Fruits - pre-cut - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	29	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Fruits - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	120	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	70	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Ginger - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Infant formula - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Infant formula - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Infant formula - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	9	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	90	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	9	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	18	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	90	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	45	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Infant formula - dried - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	6	0	Salmonella	0
	Infant formula - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Jelly palm - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Jelly palm - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	100	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
				Millilitre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Juice - mixed juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Cataluña	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Cataluña	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	2	0	Salmonella	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	11	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Juice - vegetable juice - unpasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	120	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	11	0	Salmonella	0
	Lemon grass - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	380	2	Salmonella Typhimurium	2
	Live bivalve molluscs - mussels - depurated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	2	Salmonella 1,4,[5],12:i:1,2	2
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Live bivalve molluscs - mussels - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Live bivalve molluscs - mussels - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	120	0	Salmonella	0
	Live bivalve molluscs - mussels - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Live bivalve molluscs - mussels - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Live bivalve molluscs - oysters - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	1	Salmonella Typhimurium	1
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Live bivalve molluscs - unspecified - Distribution: wholesale and retail sale - Bulgaria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Live bivalve molluscs - unspecified - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Live bivalve molluscs - unspecified - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Live bivalve molluscs - unspecified - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	175	0	Salmonella	0
	Live bivalve molluscs - unspecified - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	50	0	Salmonella	0
	Live bivalve molluscs - unspecified - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Live echinoderms, tunicates and gastropods - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Mayonnaise sauce - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	290	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	460	13	Salmonella spp., unspecified	13
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Madrid	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	245	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Madrid	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	160	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	33	1	Salmonella spp., unspecified	1
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	16	Salmonella 4,5,12:i:-	1
									Salmonella Anatum	2
									Salmonella Bovismorbificans	2
									Salmonella Hayindogo	4
									Salmonella Mbandaka	2
									Salmonella Mishmarhaemek	4
									Salmonella Muenchen	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	72	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	140	5	Salmonella spp., unspecified	5
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	85	8	Salmonella 4,12:i:-	2
									Salmonella Agona	1
									Salmonella Dublin	3
									Salmonella Meleagridis	2
	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	308	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	575	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	2165	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	508	12	Salmonella spp., unspecified	12
	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	250	2	Salmonella 1,4,[5],12:i:1,2	1
									Salmonella Enteritidis	1
	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	1	Salmonella Muenster	1
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	4	Salmonella enterica, subspecies enterica	4
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	135	14	Salmonella Bovismorbificans	1
									Salmonella Bredeney	12
									Salmonella Newport	1
	Meat from bovine animals - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from bovine animals - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	9	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	12	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	80	5	Salmonella spp., unspecified	5
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	200	2	Salmonella spp., unspecified	2
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	2	Salmonella Enterica, unspecified	2
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Denmark - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	1	Salmonella spp., unspecified	1
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	4	0	Salmonella	0
	Meat from bovine animals - meat preparation - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	1	0	Salmonella	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	13	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	62	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2160	254	Salmonella Enteritidis	5
									Salmonella spp., unspecified	249
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	130	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	370	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	265	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	49	1	Salmonella spp., unspecified	1
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	245	26	Salmonella 4,12:i:-	3
									Salmonella Agona	1
									Salmonella Bredeney	2
									Salmonella group O:8	1
									Salmonella Infantis	17
									Salmonella spp., unspecified	2
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	20	Salmonella Bovismorbificans	11
									Salmonella Hindmarsh	9

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	100	0	Salmonella	0
					Data from La Rioja	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	1	Salmonella spp., unspecified	1
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	195	15	Salmonella Infantis	15
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	8	Salmonella Infantis	8
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1085	6	Salmonella Enteritidis	1
									Salmonella spp., unspecified	5
					Data from Comunidad Valenciana	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1842	134	Salmonella Cerro	1
									Salmonella IIIa 48 z4,z23	5
									Salmonella Infantis	3
									Salmonella Mbandaka	3
									Salmonella spp., unspecified	112
									Salmonella Typhimurium	2
									Salmonella Virchow	8
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	200	36	Salmonella spp., unspecified	36
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	300	42	Salmonella Albany	1
									Salmonella Bredeney	1
									Salmonella Cerro	1
									Salmonella Grumpensis	1
									Salmonella Hadar	1
									Salmonella Infantis	27
									Salmonella spp., unspecified	1
									Salmonella Virchow	9

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	55	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	255	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - conventional production - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	150	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	1	Salmonella Infantis	1
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	115	3	Salmonella spp., unspecified	3
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	216	34	Salmonella Infantis	7
									Salmonella spp., unspecified	26
									Salmonella Virchow	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	80	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	6	Salmonella spp., unspecified	6
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - frozen - Border Control Posts - Not Available - Not Available - EU increased control programme on imported food - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - frozen - Border Control Posts - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1160	30	Salmonella spp., unspecified	30
	Meat from broilers (Gallus gallus) - fresh - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - skinned - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - fresh - with skin - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	3	Salmonella Corvallis	3
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	85	4	Salmonella spp., unspecified	4
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	1	Salmonella Typhimurium	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	380	18	Salmonella spp., unspecified	18
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	1	Salmonella Enterica, unspecified	1
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	1	Salmonella Typhimurium, monophasic	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	2	0	Salmonella	0
					Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	17	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	195	12	Salmonella spp., unspecified	12
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	1	Salmonella Mbandaka	1
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	65	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	9	3	Salmonella Infantis	3
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	225	27	Salmonella Infantis	8
									Salmonella spp., unspecified	8
									Salmonella Virchow	11
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	9	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	8	3	Salmonella Infantis	3

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	240	18	Salmonella spp., unspecified	18
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	25	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	100	28	Salmonella Derby	8
									Salmonella spp., unspecified	20
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from deer (venison) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from deer (venison) - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from duck - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	40	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	1	Salmonella Infantis	1
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from goat - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	19	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Meat from horse - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Meat from horse - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from horse - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Comunidad Valenciana	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	80	1	Salmonella spp., unspecified	1
	Meat from horse - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat from horse - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	6	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from other poultry species - meat preparation - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from other poultry species - meat preparation - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2065	5	Salmonella spp., unspecified	5
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	230	0	Salmonella	0
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	19	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	101	26	Salmonella Amsterdam	5
									Salmonella Cerro	1
									Salmonella Derby	2
									Salmonella spp., unspecified	7
									Salmonella Typhimurium	11

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	3	Salmonella Derby	1
									Salmonella Rissen	1
									Salmonella spp., unspecified	1
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	145	5	Salmonella spp., unspecified	5
					Data from La Rioja	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	3	Salmonella 1,4,[5],12:i:-	2
									Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	355	55	Salmonella spp., unspecified	55
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	55	6	Salmonella 4,5,12:i:-	1
									Salmonella Muenchen	1
									Salmonella Rissen	1
									Salmonella spp., unspecified	3
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	255	14	Salmonella 4,12:i:-	5
									Salmonella 4,5,12:-:1,2	1
									Salmonella Brandenburg	1
									Salmonella Derby	3
									Salmonella Rissen	1
									Salmonella spp., unspecified	3
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	65	25	Salmonella 4,12:i:-	10
									Salmonella 4,5,12:i:-	11
									Salmonella London	2
									Salmonella Rissen	2
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2395	86	Salmonella spp., unspecified	86

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1525	12	Salmonella spp., unspecified	12
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	3505	36	Salmonella spp., unspecified	36
					Data from Comunidad Valenciana	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1051	42	Salmonella spp., unspecified	42
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	100	17	Salmonella 1,4,[5],12:i:-	3
									Salmonella 1,4,[5],12:i:1,2	8
									Salmonella Goldcoast	1
									Salmonella Rissen	5
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	200	12	Salmonella spp., unspecified	12

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	425	73	Salmonella 1,4,[5],12:i:-	26
									Salmonella Agona	1
									Salmonella Bovismorbificans	3
									Salmonella Brandenburg	1
									Salmonella Derby	4
									Salmonella Enterica, unspecified	15
									Salmonella Goettingen	3
									Salmonella Goldcoast	1
									Salmonella Kapemba	2
									Salmonella Kedougou	1
									Salmonella Kimuenza	2
									Salmonella London	2
									Salmonella Ohio	4
									Salmonella Orlando	1
									Salmonella Rissen	7
					Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	300	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	250	24	Salmonella Derby	1
									Salmonella London	1
									Salmonella Paratyphi C	1
									Salmonella Rissen	7
									Salmonella Typhimurium	1
									Salmonella Typhimurium, monophasic	13

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	1	Salmonella spp., unspecified	1
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Meat from pig - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from pig - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Meat from pig - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Meat from pig - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	155	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	1	Salmonella spp., unspecified	1
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	4	Salmonella spp., unspecified	4
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	315	9	Salmonella spp., unspecified	9
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	4	Salmonella spp., unspecified	4

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	100	8	Salmonella spp., unspecified	8
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	2	Salmonella spp., unspecified	2
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	165	13	Salmonella spp., unspecified	13
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - cooked ham - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	27	0	Salmonella	0
					Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	20	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	41	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
			25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	43	1	Salmonella Typhimurium	1
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	13	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - fresh raw sausages - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from pig - meat products - pâté - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	295	6	Salmonella spp., unspecified	6
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	425	2	Salmonella spp., unspecified	2
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	30	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	160	2	Salmonella spp., unspecified	2

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	185	5	Salmonella spp., unspecified	5
	Meat from pig - meat products - raw and intended to be eaten raw - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	3	0	Salmonella	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	6	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from pig - meat products - raw ham - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from pig - meat products - raw ham - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	60	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	10	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	185	8	Salmonella spp., unspecified	8

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	20	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	2	Salmonella Napoli	2
	Meat from pig - meat products - unspecified, non ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	6	Salmonella Brandenburg	1
									Salmonella Rissen	1
									Salmonella Typhimurium, monophasic	4

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	1	Salmonella spp., unspecified	1
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	9	0	Salmonella	0
					Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	18	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from poultry, unspecified - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	2	Salmonella Infantis	2
	Meat from poultry, unspecified - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	15	0	Salmonella	0
	Meat from poultry, unspecified - fresh - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative detection analytical method authorized by competent authorities validated in accordance with other internationally accepted scientific protocols, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	30	Salmonella Infantis	10
									Salmonella spp., unspecified	20
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	7	0	Salmonella	0
	Meat from poultry, unspecified - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Meat from quails - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from quails - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from rabbit - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Meat from rabbit - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	2	0	Salmonella	0
	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	300	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	270	10	Salmonella spp., unspecified	10

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	2	Salmonella 4,12:i:-	1
									Salmonella Rissen	1
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	40	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	200	10	Salmonella spp., unspecified	10
	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	40	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from sheep - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	915	4	Salmonella spp., unspecified	4
					Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	685	2	Salmonella spp., unspecified	2
	Meat from sheep - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	2120	5	Salmonella spp., unspecified	5
					Data from Comunidad Valenciana	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	743	4	Salmonella spp., unspecified	4
	Meat from sheep - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from sheep - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	7	Salmonella Bredeney	1
									Salmonella London	3
									Salmonella Montevideo	3
	Meat from sheep - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from turkey - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	130	0	Salmonella	0
	Meat from turkey - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	6	Salmonella Agona	1
									Salmonella Bredeney	3
									Salmonella Kentucky	2

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1235	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	267	0	Salmonella	0
	Meat from turkey - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	8	Salmonella spp., unspecified	8
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	0	Salmonella	0
	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat from turkey - fresh - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - fresh - skinned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	5	Salmonella Brandenburg	5
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	8	Salmonella spp., unspecified	8
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Meat from turkey - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	6	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat from turkey - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Meat from turkey - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat from wild boar - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Meat from wild boar - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from wild game - land mammals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	65	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	120	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Meat, mixed meat - meat products - pâté - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	2	Salmonella Infantis	2
	Meat, mixed meat - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	4	Salmonella spp., unspecified	4

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Milk, cows' - raw milk for manufacture - intended for manufacture of raw or low heat-treated products - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Milk, goats' - raw milk for manufacture - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Mints - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Molluscan shellfish - cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	20	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Molluscan shellfish - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	1	Salmonella spp., unspecified	1
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Molluscan shellfish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Molluscan shellfish - cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	25	0	Salmonella	0
	Molluscan shellfish - raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Molluscan shellfish - raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Molluscan shellfish - raw - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Molluscan shellfish - raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Molluscan shellfish - shelled, shucked and cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Mung bean sprouts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Mushrooms - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Nut/seeds paste/emulsion/mass - Sesame paste (tahini) (sesamus indicum) - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Nuts and nut products - Border Control Posts - Not Available - Not Available - EU increased control programme on imported food - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Oats drink - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - Catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	55	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	86	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	11	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	19	0	Salmonella	0
					Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	105	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Take-away or fast-food outlet - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	82	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	42	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	14	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
	Other processed food products and prepared dishes - Hospital or medical care facility - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	20	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
				Millilitre	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	22	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	37	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	11	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	36	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	34	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	46	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	23	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	34	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	93	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - simple pasta - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - pasta based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	23	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - pasta cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Hospital or medical care facility - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - rice based dishes - Canteen or workplace catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	44	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	31	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - Sandwiches - with fish - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - unspecified - containing raw egg - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	50	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	22	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	138	2	Salmonella spp., unspecified	2
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	74	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	46	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	11	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	44	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	468	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	6	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	150	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	78	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	12	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Storage - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other products of animal origin - gelatin and collagen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Parsley - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Peppers, sweet - Border Control Posts - Not Available - Not Available - EU increased control programme on imported food - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	190	2	Salmonella spp., unspecified	2
	Peppers, sweet - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Peppers, sweet - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	65	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	13	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	11	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	2	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Ready-to-eat salads - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	65	0	Salmonella	0
	Ready-to-eat salads - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	70	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	8	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid_AytoMadrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	25	0	Salmonella	0
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Ready-to-eat salads - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Saffron - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
	Sauce and dressings - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Sauce and dressings - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0
	Seeds, sprouted - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	18	2	Salmonella Kisarawe	1
									Salmonella spp., unspecified	1
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	80	12	Salmonella spp., unspecified	12
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	14	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	50	10	Salmonella spp., unspecified	10
					Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	45	5	Salmonella enterica	3
									Salmonella Weltevreden	2
					Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	20	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	75	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	5	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Seeds, sprouted - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Seeds, sprouted - shoot - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Sesame seeds and similar - Border Control Posts - Not Available - Not Available - EU increased control programme on imported food - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	100	5	Salmonella spp., unspecified	5
	Soups - ready-to-eat - Canteen or workplace catering - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Soups - ready-to-eat - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Soups - ready-to-eat - School or kindergarten - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0
	Soyabeans sprouts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	35	0	Salmonella	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	140	0	Salmonella	0
	Spices and herbs - dried - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	7	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	180	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Sunflower shoots and sprouts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Surimi - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom NAVARRA	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	10	0	Salmonella	0
	Thyme - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Turmeric - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Vanilla - Border Control Posts - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - pre-cut - non-ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	1	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	30	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	4	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cataluña	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	6	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	7	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	15	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 6579-1:2017/Amd 1:2020 Salmonella, and certified if proprietary method	15	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	260	0	Salmonella	0
					Data from Aragon	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	3	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	5	0	Salmonella	0
	Vegetables - products - canned - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	1	0	Salmonella	0
	Vegetables - products - cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017/Amd 1:2020 (Salmonella) Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	10	0	Salmonella	0

Table SALMONELLA:Salmonella in feed

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Compound feedingstuffs for cattle - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	45	2	Salmonella spp., unspecified	2
	Compound feedingstuffs for cattle - process control - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Compound feedingstuffs for horses - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	45	0	Salmonella	0
	Compound feedingstuffs for pigs - process control - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	31	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	51	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - process control - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	28	1	Salmonella spp., unspecified	1
	Compound feedingstuffs for poultry, laying hens - process control - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Compound feedingstuffs for rabbits - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	13	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	14	0	Salmonella	0
	Feed material of land animal origin - animal fat - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	21	0	Salmonella	0
	Feed material of land animal origin - blood meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	30	0	Salmonella	0
	Feed material of land animal origin - dairy products - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Feed material of land animal origin - feather meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Feed material of land animal origin - meat and bone meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Feed material of land animal origin - meat meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	126	6	Salmonella spp., unspecified	6
	Feed material of land animal origin - poultry offal meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	27	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	56	0	Salmonella	0
	Feed material of oil seed or fruit origin - other oil seeds derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of oil seed or fruit origin - rape seed derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	10	2	Salmonella spp., unspecified	2
	Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other feed material - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	86	6	Salmonella spp., unspecified	6

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Pet food - dog snacks (pig ears, chewing bones) - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	10	4	Salmonella spp., unspecified	4
	Pet food - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	58	1	Salmonella spp., unspecified	1
	Pet food - process control - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	25	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	28	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	31	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM MURCIA	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	2	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	40	0	Staphylococcal enterotoxins	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	90	1	Staphylococcal enterotoxins - Enterotoxin, unspecified	1
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CMadrid_AytoMadrid	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM MURCIA	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
					Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	40	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	50	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
					Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	9	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from NAVARRA	ISO 19020:2017 Staphylococcal enterotoxins	25	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	1	0	Staphylococcal enterotoxins	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	2	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	1	0	Staphylococcal enterotoxins	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Vegetables-based cooked sauce - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method authorized by competent authorities validated according to EN ISO 16140-2 in comparison with ISO 19020:2017 Staphylococcal enterotoxins, and certified if proprietary method	1	0	Staphylococcal enterotoxins	0

Table TOXOPLASMA:Toxoplasma in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Goats - Farm - Spain - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	herd/flock	27	9	Toxoplasma gondii	9
	Sheep - Farm - Spain - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	herd/flock	214	53	Toxoplasma gondii	53

Table TRICHINELLA:Trichinella in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - breeding animals - others - not raised under controlled housing conditions - indoors - sows and boars - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	269	0	Trichinella	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	582212	0	Trichinella	0
		Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	184979	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	62180	0	Trichinella	0
		Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	901	0	Trichinella	0
		DATA FROM MURCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	55728	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	DatafromNAVARRA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	153	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	724	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	ISO 18743:2015 (Trichinella) Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method ISO 18743:2015 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method	animal	939	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	129	0	Trichinella	0
		Data from Castilla-La Mancha	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	365	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	24	0	Trichinella	0
		Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	193	0	Trichinella	0
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	41	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	38	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	66300	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	936235	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1676	0	Trichinella	0
		Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	2133	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	62790	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	117131	0	Trichinella	0
		Data from Castilla-La Mancha	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	11773	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CMadrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	219	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	6320	0	Trichinella	0
	Pigs - fattening pigs - others - raised under controlled housing conditions, not recognised by the competent authorities - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	10747366	0	Trichinella	0
		Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	22045354	0	Trichinella	0
		DatafromNAVARRA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	21063	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - raised under controlled housing conditions, not recognised by the competent authorities - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	ISO 18743:2015 (Trichinella) Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method ISO 18743:2015 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method	animal	4673	0	Trichinella	0
	Pigs - fattening pigs - others - raised under controlled housing conditions, not recognised by the competent authorities - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3254001	0	Trichinella	0
		Data from Canarias	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	53104	0	Trichinella	0
		Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	418	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - raised under controlled housing conditions, not recognised by the competent authorities - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	5078861	0	Trichinella	0
		Data from Castilla-La Mancha	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	4005902	0	Trichinella	0
		Data from CMadrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	310675	0	Trichinella	0
		Data from Euskadi	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	12605	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - raised under controlled housing conditions, not recognised by the competent authorities - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	503928	0	Trichinella	0
		Data from Galicia	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	844132	0	Trichinella	0
		Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	19556	0	Trichinella	0
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	18681	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - raised under controlled housing conditions, not recognised by the competent authorities - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM MURCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	4185500	0	Trichinella	0
	Solipeds, domestic - donkeys - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	7	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	5993	0	Trichinella	0
		Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1286	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DatafromNAVARRA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	120114	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	ISO 18743:2015 (Trichinella) Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method ISO 18743:2015 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method	animal	545	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	664	0	Trichinella	0
		Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3782	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	169	0	Trichinella	0
		Data from Galicia	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	141	0	Trichinella	0
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	16	0	Trichinella	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	60	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3019	0	Trichinella	0
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	800	1	Trichinella, unspecified sp.	1
	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	DatafromNAVARRA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	2892	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	17210	27	Trichinella, unspecified sp.	27

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	ISO 18743:2015 (Trichinella) Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method ISO 18743:2015 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method	animal	423	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	53031	102	Trichinella, unspecified sp.	102
		Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	42	0	Trichinella	0
		Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	33	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	55803	183	Trichinella, unspecified sp.	183
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	2026	4	Trichinella, unspecified sp.	4
	Wild boars - wild - Hunting - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	DatafromNAVARRA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	449	0	Trichinella	0
	Wild boars - wild - Hunting - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	4515	2	Trichinella, unspecified sp.	2

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	ISO 18743:2015 (Trichinella) Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method ISO 18743:2015 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method	animal	2530	0	Trichinella	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	924	0	Trichinella	0
		Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	5174	6	Trichinella, unspecified sp.	6
		Data from Castilla-La Mancha	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	32186	342	Trichinella, unspecified sp.	342

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CMadrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	483	0	Trichinella	0
		Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	2141	4	Trichinella britovi	4
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	455	2	Trichinella, unspecified sp.	2
		DATA FROM MURCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	265	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1967	8	Trichinella, unspecified sp.	8

Table YERSINIA:Yersinia in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Cattle (bovine animals) - unspecified - Farm - Spain - animal sample - faeces - Monitoring - active - Official sampling - Suspect sampling	N_A	Microbiological tests	herd/flock	10	5	Yersinia enterocolitica - biotype 1A (not pathogenic)	1
							Yersinia enterocolitica - serotype O:8	1
							Yersinia enterocolitica - serotype O:9	1
							Yersinia enterocolitica unspecified	2
	Goats - Farm - Spain - animal sample - faeces - Monitoring - active - Official sampling - Suspect sampling	N_A	Microbiological tests	herd/flock	2	0	Yersinia	0

Table YERSINIA:Yersinia in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 10273:2017 Yersinia enterocolitica	7	0	Yersinia	0
	Cured seasoned pork meat - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	2	0	Yersinia	0
	Meat from bovine animals - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	1	0	Yersinia	0
	Meat from bovine animals - fresh - chilled - Slaughterhouse - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	4	0	Yersinia	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	3	0	Yersinia	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	11	0	Yersinia	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	1	0	Yersinia	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	14	0	Yersinia	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	9	0	Yersinia	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	1	0	Yersinia	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	14	0	Yersinia	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	3	0	Yersinia	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	1	0	Yersinia	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	1	0	Yersinia	0
	Meat from horse - fresh - chilled - Slaughterhouse - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	6	0	Yersinia	0
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	30	5	Yersinia enterocolitica	5
	Meat from pig - fresh - chilled - Slaughterhouse - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	10	1	Yersinia enterocolitica	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	30	7	Yersinia enterocolitica	7
	Meat from pig - meat products - fermented sausages - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	2	0	Yersinia	0
	Meat from pig - meat products - meat specialities - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	1	0	Yersinia	0
	Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 10273:2017 Yersinia enterocolitica	1	0	Yersinia	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 10273:2017 Yersinia enterocolitica	9	0	Yersinia	0
	Meat from pig - other slaughtering products - Slaughterhouse - Spain - food sample - tonsil - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	30	15	Yersinia enterocolitica	15

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from quails - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	3	0	Yersinia	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	2	0	Yersinia	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	5	0	Yersinia	0
	Meat from turkey - fresh - chilled - Cutting plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	3	0	Yersinia	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - fresh - chilled - Slaughterhouse - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	2	0	Yersinia	0
	Seeds, sprouted - ready-to-eat - Cold storage - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	1	0	Yersinia	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	4	0	Yersinia	0

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

when numbers referring to cases, hospitalized people and deaths are reported as unknown, they will be not included in the sum calculation

		Outbreak strenght	Strong				Weak			
Causative agent	Food vehicle		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Aeromonas caviae	Unknown						1	9	1	0
Bacillus cereus	Fish and fish products						1	23	0	0
	Vegetables and juices and other products thereof		1	26	6	5				
	Cereal products including rice and seeds/pulses (nuts, almonds)						2	10	0	0
	Mixed food		6	153	3	2	1	5	0	0
	Unknown						7	54	0	0
Campylobacter coli	Unknown						1	6	0	0
Campylobacter jejuni	Eggs and egg products						1	3	0	0
	Broiler meat (Gallus gallus) and products thereof						4	39	0	0
	Other, mixed or unspecified poultry meat and products thereof						2	13	0	0
	Unknown						9	34	4	0
	Meat and meat products						2	5	2	0
Campylobacter, unspecified sp.	Cheese		1	2	0	0				
	Other or mixed red meat and products thereof		1	10	0	0				
	Broiler meat (Gallus gallus) and products thereof		1	5	0	0	1	2	0	0
	Other, mixed or unspecified poultry meat and products thereof						1	5	1	0
	Vegetables and juices and other products thereof		1	2	0	0				
	Mixed food		2	4	0	0				
	Unknown						4	18	0	0
	Meat and meat products		1	2	1	0	1	2	0	0
Clostridium perfringens	Pig meat and products thereof						1	29	0	0
	Sheep meat and products thereof		1	4	0	0				
	Broiler meat (Gallus gallus) and products thereof		2	70	0	0				
	Other, mixed or unspecified poultry meat and products thereof		1	4	0	0	1	5	0	0
	Vegetables and juices and other products thereof		1	118	0	0				
	Mixed food		1	11	0	0				
	Unknown						4	58	0	0
	Meat and meat products		3	75	0	0	8	242	5	1
Cryptosporidium, unspecified sp.	Unknown						1	2	0	0
Enteroinvasive E. coli (EIEC)	Pig meat and products thereof		1	24	0	0				
Enteropathogenic E. coli (EPEC)	Eggs and egg products		1	64	0	0				

Causative agent	Food vehicle	Outbreak strenght	Strong			Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Enteropathogenic E. coli (EPEC)	Tap water, including well water	1	7	2	0				
	Unknown					2	88	0	0
	Meat and meat products	1	119	0	0				
Enterotoxigenic E. coli (ETEC)	Unknown					1	57	0	0
Enterovirus	Pig meat and products thereof	1	45	0	0				
Escherichia coli	Eggs and egg products					1	7	0	0
	Vegetables and juices and other products thereof	1	27	0	0				
	Tap water, including well water	1	29	0	0				
	Mixed food					1	41	0	0
	Unknown					4	265	0	0
Giardia intestinalis	Mixed food	1	2	0	0				
Hepatovirus A	Fruit, berries and juices and other products thereof					1	2	0	0
Histamine	Fish and fish products	3	9	0	0	7	16	0	0
	Unknown					2	21	1	0
Listeria monocytogenes	Unknown					1	2	2	1
Marine biotoxins	Fish and fish products	5	14	0	0	6	18	0	0
Marine biotoxins - ciguatoxin	Fish and fish products	2	5	0	0				
Mushroom toxins	Vegetables and juices and other products thereof	1	2	2	0	1	7	0	0
	Unknown					1	22	2	0
Norovirus	Eggs and egg products	1	2	0	0	3	25	0	0
	Other or mixed red meat and products thereof	1	3	0	0				
	Crustaceans, shellfish, molluscs and products thereof	5	27	0	0	7	36	0	0
	Vegetables and juices and other products thereof					1	13	0	0
	Cereal products including rice and seeds/pulses (nuts, almonds)	1	10	0	0				
	Tap water, including well water	4	340	0	0	1	851	2	0
	Bakery products					1	13	0	0
	Mixed food	6	256	1	0	13	463	3	0
	Unknown					50	1,095	8	1
	Meat and meat products	1	3	0	0	4	69	0	0
Rotavirus	Tap water, including well water	1	20	0	0				
	Unknown					1	69	0	0
Salmonella enterica, subspecies enterica	Eggs and egg products	2	13	2	0	1	11	2	0
	Unknown					4	15	3	0
Salmonella Enteritidis	Eggs and egg products	3	77	11	0	2	14	1	0
	Unknown					15	178	0	0
Salmonella group C	Eggs and egg products	1	2	0	0				
	Broiler meat (Gallus gallus) and products thereof	1	2	0	0				
Salmonella group D	Eggs and egg products	2	12	1	0	1	10	1	0
	Bakery products	1	16	7	0				
	Mixed food	1	3	1	0				

Causative agent	Food vehicle	Outbreak strenght	Strong			Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Salmonella group D	Unknown					6	75	0	0
Salmonella Mikawasima	Mixed food	1	4	0	0				
	Unknown					1	17	2	1
Salmonella Newport	Eggs and egg products	1	3	2	0				
	Unknown					1	8	0	0
Salmonella spp., unspecified	Milk					2	4	2	0
	Cheese	4	30	4	0				
	Eggs and egg products	16	131	19	0	60	453	42	1
	Pig meat and products thereof					2	4	2	0
	Other or mixed red meat and products thereof					1	4	0	0
	Broiler meat (Gallus gallus) and products thereof	6	77	12	0	4	14	5	0
	Fish and fish products	1	4	0	0				
	Vegetables and juices and other products thereof	2	34	14	0	1	5	0	0
	Tap water, including well water					1	3	0	0
	Bakery products	1	27	0	0	3	17	2	0
	Mixed food	11	36	3	0	9	34	5	0
	Unknown					49	317	58	1
	Meat and meat products	3	11	3	0	7	20	5	0
	Bakery products - cakes	1	24	1	0				
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams					1	2	0	0
	Sauce and dressings					3	12	0	0
Salmonella Typhimurium	Cheese	1	59	4	0				
	Eggs and egg products	1	2	1	0				
	Unknown					4	32	6	0
	Meat and meat products	2	12	0	0				
Shigella flexneri	Milk					1	2	2	1
	Unknown					1	2	2	0
Shigella sonnei	Eggs and egg products					1	2	0	0
	Unknown					2	6	0	0
Staphylococcal enterotoxins	Cheese	2	4	0	0				
	Eggs and egg products	1	3	0	0				
	Other, mixed or unspecified poultry meat and products thereof					1	2	0	0
	Fish and fish products	1	5	0	0	1	3	0	0
	Crustaceans, shellfish, molluscs and products thereof					1	10	0	0
	Vegetables and juices and other products thereof					1	33	0	0
	Cereal products including rice and seeds/pulses (nuts, almonds)	1	19	0	0				
	Bakery products					1	3	0	0
	Mixed food	2	113	22	0	3	21	1	0

Causative agent	Food vehicle	Outbreak strenght	Strong			Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Staphylococcal enterotoxins	Unknown					16	299	7	0
	Meat and meat products					1	31	0	0
	Sauce and dressings	1	10	0	0				
Trichinella spiralis	Meat and meat products	1	13	3	0				
Trichinella, unspecified sp.	Meat and meat products					1	7	6	0
Unknown	Milk					2	10	0	0
	Dairy products (other than cheeses)					2	12	0	0
	Cheese					6	29	0	0
	Eggs and egg products					26	200	0	0
	Pig meat and products thereof					3	26	0	0
	Sheep meat and products thereof					1	5	0	0
	Other or mixed red meat and products thereof					1	2	0	0
	Broiler meat (Gallus gallus) and products thereof					11	91	5	0
	Turkey meat and products thereof					2	63	0	0
	Other, mixed or unspecified poultry meat and products thereof					3	50	0	0
	Fish and fish products					17	99	4	0
	Crustaceans, shellfish, molluscs and products thereof					8	32	0	0
	Vegetables and juices and other products thereof					7	135	1	0
	Cereal products including rice and seeds/pulses (nuts, almonds)					5	209	0	0
	Fruit, berries and juices and other products thereof					3	33	5	0
	Drinks, including bottled water					1	3	0	0
	Tap water, including well water					3	195	4	0
	Bakery products					2	18	0	0
	Herbs and spices					1	26	0	0
	Mixed food					32	285	2	0
	Buffet meals					3	120	0	0
	Unknown					125	2,148	18	1
	Meat and meat products					24	290	2	0
	Sauce and dressings					6	18	0	0
Vibrio parahaemolyticus	Crustaceans, shellfish, molluscs and products thereof					1	4	0	0
Vibrio, unspecified sp.	Unknown					1	4	0	0
Yersinia enterocolitica	Mixed food	1	3	0	0	1	2	1	0
	Unknown					3	72	0	0

Strong Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Bacillus cereus	Not Available	Not Available	Not Available	Not Available	2024-261	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Cross-contamination	N_A	1	3	0	0
					2024-285	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	8	0	0
					2024-311	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Nursing home	Unknown	Unknown	Unknown	N_A	1	26	6	5
					2024-320	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Unknown	Unknown	Unknown	N_A	1	3	3	2
					2024-321	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	40	0	0
					2024-342	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Multiple places of exposure in one country	Unknown	Unknown	Unknown	N_A	1	41	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Bacillus cereus	Not Available	Not Available	Not Available	Not Available	2024-377	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	58	0	0
Campylobacter, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2024-277	General	Cheese	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Cross-contamination	N_A	1	2	0	0
					2024-281	General	Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	0	0
					2024-289	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	0	0
					2024-298	General	Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Mobile retailer or market/street vendor	Mobile retailer or market/street vendor	Unknown	Water treatment failure;Other contributory factor	N_A	1	10	0	0
					2024-310	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate heat treatment	N_A	1	5	0	0
					2024-349	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Other contributory factor;Inadequate heat treatment	N_A	1	2	0	0
					2024-395	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2024-222	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Nursing home	Unknown	Storage time/temperature abuse;Other contributory factor;Inadequate chilling	N_A	1	11	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2024-245	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Residential institutions (prison or boarding school)	Others	Unknown	Storage time/temperature abuse;Inadequate heat treatment;Inadequate chilling	N_A	1	118	0	0
					2024-250	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Others	Unknown	Storage time/temperature abuse;Other contributory factor	N_A	1	30	0	0
					2024-255	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Residential institutions (prison or boarding school)	Others	Unknown	Inadequate heat treatment;Inadequate chilling	N_A	1	58	0	0
					2024-278	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Storage time/temperature abuse;Inadequate chilling	N_A	1	4	0	0
					2024-299	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Canteen or workplace catering	Canteen or workplace catering	Unknown	Storage time/temperature abuse;Inadequate chilling	N_A	1	13	0	0
					2024-357	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2024-360	General	Sheep meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
					2024-388	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	40	0	0
Enteroinvasive E. coli (EIEC)	Not Available	Not Available	Not Available	Not Available	2024-262	General	Pig meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	24	0	0
Enteropathogenic E. coli (EPEC)	Not Available	Not Available	Not Available	Not Available	2024-312	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	119	0	0
					2024-346	Household	Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	7	2	0
					2024-387	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	64	0	0
Enterovirus	Not Available	Not Available	Not Available	Not Available	2024-376	General	Pig meat and products thereof	N_A	Descriptive epidemiological evidence	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	45	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Escherichia coli	Not Available	Not Available	Not Available	Not Available	2024-304	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	27	0	0
					2024-313	General	Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	29	0	0
Giardia intestinalis	Not Available	Not Available	Not Available	Not Available	2024-263	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	0	0
Histamine	Not Available	Not Available	Not Available	Not Available	2024-361	Household	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Unknown	Unknown	Unknown	N_A	1	4	0	0
					2024-390	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2024-394	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Unknown	Unknown	Unknown	N_A	1	3	0	0
Marine biotoxins	Not Available	Not Available	Not Available	Not Available	2024-224	Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Spain	Unknown	N_A	1	3	0	0
					2024-244	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Others	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Marine biotoxins	Not Available	Not Available	Not Available	Not Available	2024-286	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unprocessed contaminated ingredient;Other contributory factor;Inadequate chilling	N_A	1	5	0	0
					2024-338	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2024-347	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Marine biotoxins - ciguatoxin	Not Available	Not Available	Not Available	Not Available	2024-259	Household	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Water source	Spain	Other contributory factor	N_A	1	3	0	0
					2024-260	Household	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Water source	Unknown	Other contributory factor	N_A	1	2	0	0
Mushroom toxins	Not Available	Not Available	Not Available	Not Available	2024-385	Household	Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	2	2	0
Norovirus	Not Available	Not Available	Not Available	Not Available	2024-235	General	Tap water, including well water	N_A	Descriptive epidemiological evidence	Multiple places of exposure in more than one country	Others	Unknown	Water treatment failure	N_A	1	129	0	0
					2024-296	General	Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	3	0	0
					2024-300	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Descriptive epidemiological evidence	Canteen or workplace catering	Canteen or workplace catering	Unknown	Unknown	N_A	1	10	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Not Available	Not Available	Not Available	Not Available	2024-302	General	Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Camp or picnic	Camp or picnic	Unknown	Water treatment failure	N_A	1	5	0	0
					2024-309	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	112	0	0
					2024-316	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2024-319	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Not Available	Unknown	Unknown	Unknown	N_A	2	18	0	0
					2024-323	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Other contributory factor;Infected food handler	N_A	2	106	1	0
					2024-333	General	Mixed food	N_A	Descriptive epidemiological evidence	Nursing home	Unknown	Unknown	Other contributory factor;Infected food handler	N_A	1	20	0	0
					2024-335	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	1	14	0	0
					2024-341	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Unknown	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Not Available	Not Available	Not Available	Not Available	2024-348	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2024-350	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	0	0
					2024-363	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2024-374	Unknown	Tap water, including well water	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Water treatment failure	N_A	1	83	0	0
					2024-383	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
					2024-392	Unknown	Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Water treatment failure	N_A	1	123	0	0
Rotavirus	Not Available	Not Available	Not Available	Not Available	2024-372	General	Tap water, including well water	N_A	Descriptive epidemiological evidence	Multiple places of exposure in more than one country	Unknown	Unknown	Unknown	N_A	1	20	0	0
Salmonella enterica, subspecies enterica	Not Available	Not Available	Not Available	Not Available	2024-230	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	6	0	0
					2024-354	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient;Other contributory factor;Inadequate heat treatment	N_A	1	7	2	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Enteritidis	Not Available	Not Available	Not Available	Not Available	2024-287	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unprocessed contaminated ingredient;Storage time/temperature abuse	N_A	1	62	10	0
					2024-306	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Unknown	Unknown	Other contributory factor;Inadequate chilling;Cross-contamination	N_A	1	12	1	0
					2024-329	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
Salmonella group C	Not Available	Not Available	Not Available	Not Available	2024-225	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	2	0	0
					2024-229	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	2	0	0
Salmonella group D	Not Available	Not Available	Not Available	Not Available	2024-237	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Others	Unknown	Unknown	N_A	1	2	0	0
					2024-274	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Infected food handler	N_A	1	10	1	0
					2024-339	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Inadequate heat treatment	N_A	1	3	1	0
					2024-351	General	Bakery products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	16	7	0
Salmonella Mikawasima	Not Available	Not Available	Not Available	Not Available	2024-283	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Infected food handler	N_A	1	4	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Newport	Not Available	Not Available	Not Available	Not Available	2024-326	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	2	0
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-015	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Unknown	Unknown	N_A	1	8	0	0
					2024-223	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	6	1	0
					2024-226	Household	Meat and meat products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	2	1	0
					2024-228	Household	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Domestic premises	Unknown	Inadequate heat treatment	N_A	1	8	0	0
					2024-231	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	2	1	0
					2024-234	Household	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Domestic premises	Unknown	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	2	1	0
					2024-239	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Others	Unknown	Unknown	N_A	1	2	0	0
					2024-242	General	Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Others	Unknown	Unknown	N_A	1	2	0	0
					2024-256	General	Bakery products - cakes	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Mobile retailer or market/street vendor	Others	Unknown	Unknown	N_A	1	24	1	0
					2024-271	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate chilling	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-297	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate heat treatment;Inadequate chilling	N_A	1	5	0	0
					2024-301	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Camp or picnic	Camp or picnic	Unknown	Unknown	N_A	1	5	1	0
					2024-303	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Camp or picnic	Unknown	Unknown	Inadequate heat treatment	N_A	1	6	0	0
					2024-307	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	24	3	0
					2024-308	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	3	31	0	0
					2024-314	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Other contributory factor	N_A	1	3	0	0
					2024-317	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	9	3	0
					2024-322	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	2	1	0
					2024-324	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	15	3	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-327	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	32	7	0
					2024-336	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
					2024-344	Household	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Unknown	Unknown	Unknown	N_A	1	4	0	0
					2024-345	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Not Available	Unknown	Unknown	Unknown	N_A	1	9	0	0
					2024-355	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	26	1	0
					2024-359	Household	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	7	1	0
					2024-362	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Unknown	Unknown	Unknown	N_A	2	28	9	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-369	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	14	3	0
					2024-370	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	4	2	0
					2024-373	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Other contributory factor;Cross-contamination	N_A	1	3	0	0
					2024-375	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	19	11	0
					2024-378	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
					2024-379	General	Bakery products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Other contributory factor;Infected food handler;Cross-contamination	N_A	1	27	0	0
					2024-381	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
					2024-382	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	3	8	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-384	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse;Other contributory factor	N_A	1	5	0	0
					2024-389	Unknown	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Unknown	Unknown	Unknown	Unknown	N_A	1	4	1	0
					2024-391	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Not Available	Unknown	Spain	Unknown	N_A	1	15	3	0
Salmonella Typhimurium	Not Available	Not Available	Not Available	Not Available	2024-253	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Multiple places of exposure in one country	Others	Unknown	Unknown	N_A	1	59	4	0
					2024-270	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	8	0	0
					2024-280	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Cross-contamination	N_A	1	4	0	0
					2024-284	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Staphylococcal enterotoxins	Not Available	Not Available	Not Available	Not Available	2024-221	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Nursing home	Unknown	Unknown	N_A	1	8	0	0
					2024-240	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Residential institutions (prison or boarding school)	Others	Unknown	Storage time/temperature abuse;Other contributory factor	N_A	1	19	0	0
					2024-248	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Not Available	Others	Unknown	Unknown	N_A	1	2	0	0
					2024-252	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Others	Unknown	Storage time/temperature abuse;Other contributory factor;Infected food handler	N_A	1	105	22	0
					2024-257	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Hospital or medical care facility	Others	Unknown	Unknown	N_A	1	5	0	0
					2024-269	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Infected food handler;Cross-contamination	N_A	1	3	0	0
					2024-293	General	Cheese	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Inadequate chilling;Cross-contamination	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Staphylococcal enterotoxins	Not Available	Not Available	Not Available	Not Available	2024-358	General	Sauce and dressings	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	1	10	0	0
Trichinella spiralis	Not Available	Not Available	Not Available	Not Available	2024-232	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Not Available	Unknown	Unknown	N_A	1	13	3	0
Yersinia enterocolitica	Not Available	Not Available	Not Available	Not Available	2024-340	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	0	0

Weak Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Aeromonas caviae	Not Available	Not Available	Not Available	Not Available	2024-075	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	9	1	0
Bacillus cereus	Not Available	Not Available	Not Available	Not Available	2024-033	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2024-120	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	23	0	0
					2024-126	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	22	0	0
					2024-140	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	14	0	0
					2024-147	General	Mixed food	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-149	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	2	12	0	0
					2024-174	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-194	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	6	0	0
Campylobacter coli	Not Available	Not Available	Not Available	Not Available	2024-079	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	6	0	0
Campylobacter jejuni	Not Available	Not Available	Not Available	Not Available	2024-014	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-044	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-050	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	5	2	0
					2024-081	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2024-086	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	32	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Campylobacter jejuni	Not Available	Not Available	Not Available	Not Available	2024-117	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	11	0	0
					2024-124	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	6	15	3	0
					2024-132	General	Unknown	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	15	0	0
					2024-157	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	1	0
					2024-185	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	5	0	0
					2024-189	Household	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
Campylobacter, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2024-005	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	2	14	0	0
					2024-012	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-100	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	5	1	0
					2024-154	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-162	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	4	0	0
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2024-051	General	Meat and meat products	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	50	0	0
					2024-054	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-074	General	Meat and meat products	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	3	140	5	1
					2024-083	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	2	49	0	0
					2024-134	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	4	52	0	0
					2024-152	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-218	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	7	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2024-219	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	29	0	0
Cryptosporidium, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2024-167	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	2	0	0
Enteropathogenic E. coli (EPEC)	Not Available	Not Available	Not Available	Not Available	2024-128	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	38	0	0
					2024-178	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	50	0	0
Enterotoxigenic E. coli (ETEC)	Not Available	Not Available	Not Available	Not Available	2024-101	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	57	0	0
Escherichia coli	Not Available	Not Available	Not Available	Not Available	2024-053	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	7	0	0
					2024-069	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	41	0	0
					2024-089	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-156	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	125	0	0
					2024-192	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	123	0	0
					2024-216	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	15	0	0
Hepatovirus A	Not Available	Not Available	Not Available	Not Available	2024-197	Household	Fruit, berries and juices and other products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
Histamine	Not Available	Not Available	Not Available	Not Available	2024-007	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	17	0	0
					2024-031	General	Fish and fish products	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-131	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	1	0
					2024-187	Household	Fish and fish products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	5	0	0
					2024-217	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	4	9	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Listeria monocytogenes	Not Available	Not Available	Not Available	Not Available	2024-164	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	2	2	1
Marine biotoxins	Not Available	Not Available	Not Available	Not Available	2024-049	General	Fish and fish products	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	6	0	0
					2024-082	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	5	12	0	0
Mushroom toxins	Not Available	Not Available	Not Available	Not Available	2024-125	Household	Vegetables and juices and other products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	7	0	0
					2024-183	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	22	2	0
Norovirus	Not Available	Not Available	Not Available	Not Available	2024-008	General	Unknown	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	34	0	0
					2024-013	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2024-017	General	Meat and meat products	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	20	0	0
					2024-027	General	Mixed food	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	17	0	0
					2024-028	General	Mixed food	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	3	157	1	0
					2024-030	General	Mixed food	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-034	General	Vegetables and juices and other products thereof	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	13	0	0
					2024-036	General	Tap water, including well water	N_A	Unknown	Multiple places of exposure in more than one country	Not Available	Not Available	Not Available	N_A	1	851	2	0
					2024-064	General	Unknown	N_A	Unknown	Multiple places of exposure in more than one country	Not Available	Not Available	Not Available	N_A	1	26	0	0
					2024-078	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-080	General	Mixed food	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	56	1	0
					2024-085	Household	Meat and meat products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	5	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Not Available	Not Available	Not Available	Not Available	2024-088	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	30	0	0
					2024-095	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	13	280	0	0
					2024-105	General	Meat and meat products	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	36	0	0
					2024-119	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	5	25	0	0
					2024-122	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	45	0	0
					2024-123	General	Unknown	N_A	Unknown	Farm	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2024-151	General	Bakery products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	13	0	0
					2024-158	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	25	0	0
					2024-172	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2024-173	General	Unknown	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-177	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	15	207	3	0
					2024-182	Household	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	11	0	0
					2024-184	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	7	228	1	0
					2024-209	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	10	414	5	1
					2024-318	General	Unknown	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	40	0	0
Rotavirus	Not Available	Not Available	Not Available	Not Available	2024-179	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	69	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella enterica, subspecies enterica	Not Available	Not Available	Not Available	Not Available	2024-096	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	1	0
					2024-148	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2024-168	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	11	2	0
					2024-227	Household	Unknown	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	4	1	0
					2024-364	Household	Unknown	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Storage time/temperature abuse;Other contributory factor;Cross-contamination	N_A	1	6	1	0
Salmonella Enteritidis	Not Available	Not Available	Not Available	Not Available	2024-137	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	15	178	0	0
					2024-186	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	14	1	0
Salmonella group D	Not Available	Not Available	Not Available	Not Available	2024-026	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	10	1	0
					2024-039	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	43	0	0
					2024-161	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	12	0	0
					2024-215	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	14	0	0
					2024-367	General	Unknown	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
Salmonella Mikawasima	Not Available	Not Available	Not Available	Not Available	2024-213	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	17	2	1
Salmonella Newport	Not Available	Not Available	Not Available	Not Available	2024-063	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	8	0	0
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-003	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	10	0	0
					2024-004	Unknown	Mixed food	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-011	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	4	2	0
					2024-016	Household	Mixed food	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	12	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-018	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	10	3	0
					2024-019	General	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	7	4	0
					2024-020	General	Milk	N_A	Unknown	Hospital or medical care facility	Not Available	Not Available	Not Available	N_A	1	2	2	0
					2024-021	Household	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-032	Household	Milk	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-038	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	1	0
					2024-056	Unknown	Meat and meat products	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	3	2	0
					2024-058	General	Eggs and egg products	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	16	0	0
					2024-060	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	6	17	4	0
					2024-065	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2024-067	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	7	66	16	0
					2024-068	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2024-071	Household	Other or mixed red meat and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2024-077	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	3	21	9	0
					2024-097	General	Pig meat and products thereof	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	1	0
					2024-099	General	Sauce and dressings	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	12	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-103	Household	Meat and meat products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	3	7	0	0
					2024-104	General	Tap water, including well water	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2024-108	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	4	11	2	0
					2024-112	General	Bakery products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	1	0
					2024-115	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	10	25	8	0
					2024-121	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	3	3	0
					2024-143	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	25	111	22	0
					2024-145	General	Eggs and egg products	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	7	0	0
					2024-146	Unknown	Eggs and egg products	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	2	5	0	0
					2024-153	Household	Bakery products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	13	1	0
					2024-160	General	Eggs and egg products	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	3	51	3	0
					2024-181	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	5	50	3	0
					2024-193	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	13	103	10	0
					2024-198	General	Vegetables and juices and other products thereof	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-199	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	2	11	4	1
					2024-202	General	Eggs and egg products	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	2	13	1	0
					2024-206	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	26	250	16	1
					2024-315	General	Unknown	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
					2024-343	Household	Unknown	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	6	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2024-393	Household	Unknown	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unprocessed contaminated ingredient;Other contributory factor;Inadequate heat treatment	N_A	1	4	1	0
Salmonella Typhimurium	Not Available	Not Available	Not Available	Not Available	2024-037	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	3	12	0	0
					2024-155	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	20	6	0
Shigella flexneri	Not Available	Not Available	Not Available	Not Available	2024-135	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	2	0
					2024-196	Household	Milk	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	2	1
Shigella sonnei	Not Available	Not Available	Not Available	Not Available	2024-144	Unknown	Eggs and egg products	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-150	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	6	0	0
Staphylococcal enterotoxins	Not Available	Not Available	Not Available	Not Available	2024-009	Household	Mixed food	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	12	0	0
					2024-048	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	31	0	0
					2024-062	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-072	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	8	168	0	0
					2024-093	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	12	0	0
					2024-094	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2024-109	General	Bakery products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2024-114	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-118	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	10	0	0
					2024-133	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	33	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Staphylococcal enterotoxins	Not Available	Not Available	Not Available	Not Available	2024-169	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	75	1	0
					2024-170	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2024-176	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	7	1	0
					2024-203	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	3	34	6	0
					2024-207	General	Mixed food	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
Trichinella, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2024-127	Household	Meat and meat products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	7	6	0
Unknown	Not Available	Not Available	Not Available	Not Available	2024-001	General	Eggs and egg products	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-002	General	Meat and meat products	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	85	0	0
					2024-006	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	13	48	0	0
					2024-010	General	Unknown	N_A	Unknown	Canteen or workplace catering	Not Available	Not Available	Not Available	N_A	2	63	0	0
					2024-022	Household	Meat and meat products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-023	Unknown	Eggs and egg products	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-024	General	Milk	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2024-025	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	26	256	4	1
					2024-029	General	Mixed food	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	2	66	0	0
					2024-035	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	3	16	1	0
					2024-041	General	Cheese	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	12	0	0
					2024-042	General	Unknown	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-043	General	Meat and meat products	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	2	41	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2024-045	Household	Fish and fish products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	3	15	2	0
					2024-046	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	7	23	0	0
					2024-047	Household	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	6	0	0
					2024-052	General	Fruit, berries and juices and other products thereof	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	21	0	0
					2024-057	General	Unknown	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	3	121	0	0
					2024-059	General	Tap water, including well water	N_A	Unknown	Multiple places of exposure in more than one country	Not Available	Not Available	Not Available	N_A	1	155	0	0
					2024-066	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	26	0	0
					2024-070	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	4	102	1	0
					2024-073	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	9	0	0
					2024-076	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	29	0	0
					2024-084	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	14	556	3	0
					2024-090	General	Milk	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-091	General	Buffet meals	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	27	0	0
					2024-098	Household	Bakery products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	12	0	0
					2024-102	General	Tap water, including well water	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	8	4	0
					2024-106	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	7	374	1	0
					2024-107	General	Turkey meat and products thereof	N_A	Unknown	Residential institutions (prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	35	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2024-110	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2024-111	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	3	58	0	0
					2024-113	General	Meat and meat products	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	26	0	0
					2024-116	General	Pig meat and products thereof	N_A	Unknown	Not Available	Not Available	Unknown	Unknown	N_A	1	4	0	0
					2024-129	General	Fruit, berries and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	12	5	0
					2024-130	General	Bakery products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	6	0	0
					2024-136	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	5	84	4	0
					2024-138	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	15	86	0	0
					2024-139	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Residential institutions (prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	10	0	0
					2024-141	General	Sauce and dressings	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	5	16	0	0
					2024-142	General	Eggs and egg products	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	31	0	0
					2024-159	General	Pig meat and products thereof	N_A	Unknown	Not Available	Not Available	Unknown	Other contributory factor;Inadequate chilling	N_A	1	7	0	0
					2024-163	General	Drinks, including bottled water	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2024-165	General	Dairy products (other than cheeses)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2024-166	General	Herbs and spices	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	26	0	0
					2024-171	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	17	139	2	0
					2024-175	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	50	0	0
					2024-180	Household	Mixed food	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2024-190	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	6	1	0
					2024-191	General	Dairy products (other than cheeses)	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	10	0	0
					2024-195	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	2	29	5	0
					2024-200	General	Mixed food	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2024-201	General	Mixed food	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	2	14	0	0
					2024-204	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2024-205	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	4	17	0	0
					2024-208	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	26	0	0
					2024-210	General	Tap water, including well water	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	32	0	0
					2024-211	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	54	534	4	0
					2024-212	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Multiple places of exposure in more than one country	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2024-214	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	11	0	0
					2024-220	General	Eggs and egg products	N_A	Unknown	Nursing home	Nursing home	Unknown	Unknown	N_A	1	12	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2024-233	Household	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	2	0	0
					2024-236	General	Cheese	N_A	Unknown	Not Available	Others	Unknown	Unknown	N_A	1	5	0	0
					2024-238	General	Pig meat and products thereof	N_A	Unknown	Not Available	Others	Unknown	Unknown	N_A	1	15	0	0
					2024-241	Household	Mixed food	N_A	Unknown	Domestic premises	Others	Unknown	Unknown	N_A	1	3	0	0
					2024-243	General	Turkey meat and products thereof	N_A	Unknown	Residential institutions (prison or boarding school)	Others	Unknown	Unknown	N_A	1	28	0	0
					2024-246	Household	Cheese	N_A	Unknown	Domestic premises	Others	Unknown	Unknown	N_A	1	3	0	0
					2024-247	General	Mixed food	N_A	Unknown	Catering on aircraft or ship or train	Others	Unknown	Unknown	N_A	1	10	0	0
					2024-249	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Mobile retailer or market/street vendor	Others	Unknown	Unknown	N_A	1	2	0	0
					2024-251	General	Eggs and egg products	N_A	Unknown	Not Available	Others	Unknown	Unknown	N_A	1	3	0	0
					2024-254	General	Fish and fish products	N_A	Unknown	Not Available	Others	Unknown	Unknown	N_A	1	2	0	0
					2024-258	General	Cheese	N_A	Unknown	School or kindergarten	School or kindergarten	Unknown	Unknown	N_A	1	4	0	0
					2024-264	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	6	0	0
					2024-265	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Water treatment failure;Other contributory factor;Inadequate chilling	N_A	1	2	0	0
					2024-266	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate heat treatment	N_A	1	10	1	0
					2024-267	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	3	8	0	0
					2024-268	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2024-272	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	2	0	0
					2024-273	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate heat treatment;Inadequate chilling	N_A	1	6	0	0
					2024-275	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	2	7	0	0
					2024-276	General	Buffet meals	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Storage time/temperature abuse;Other contributory factor	N_A	1	8	0	0
					2024-279	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	2	13	0	0
					2024-282	General	Sauce and dressings	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	0	0
					2024-288	General	Sheep meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	5	0	0
					2024-290	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Cross-contamination	N_A	1	3	0	0
					2024-291	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate chilling	N_A	1	4	0	0
					2024-292	General	Unknown	N_A	Unknown	School or kindergarten	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	27	0	0
					2024-294	General	Buffet meals	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate chilling	N_A	1	85	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2024-295	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Inadequate heat treatment	N_A	1	31	1	0
					2024-305	General	Cheese	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
					2024-325	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	23	1	0
					2024-328	General	Meat and meat products	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	11	0	0
					2024-330	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	26	0	0
					2024-331	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	18	0	0
					2024-332	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse;Infected food handler;Inadequate chilling	N_A	1	5	0	0
					2024-334	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	1	3	0	0
					2024-337	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	7	0	0
					2024-352	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
					2024-353	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	30	0	0
					2024-356	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Unknown	Unknown	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	3	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2024-365	General	Mixed food	N_A	Unknown	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2024-366	General	Eggs and egg products	N_A	Unknown	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	76	0	0
					2024-368	General	Meat and meat products	N_A	Unknown	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	1	14	0	0
					2024-371	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	5	0	0
					2024-380	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	164	0	0
					2024-386	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Cross-contamination	N_A	1	5	0	0
Vibrio parahaemolyticus	Not Available	Not Available	Not Available	Not Available	2024-092	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	0	0
Vibrio, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2024-087	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
Yersinia enterocolitica	Not Available	Not Available	Not Available	Not Available	2024-040	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	49	0	0
					2024-055	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	19	0	0
					2024-061	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2024-188	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	1	0

Table Antimicrobial susceptibility testing of Campylobacter coli in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**127**	**127**	**127**	**127**	**127**	**127**
MIC	**N of resistant isolates**	**0**	**115**	**58**	**19**	**8**	**103**
<=0.125			7	32			
<=0.25						30	
0.25			4	19			
<=0.5							22
0.5			1	18		79	
<=1					91		
1				20		10	2
<=2		59					
2				24	16		
4		60	7	13	1		
>4				1			
8		7	51			1	2
16		1	42		2		4
>16						7	
32			11		1		12
>32			4				
64							25
>64							60
128					1		
256					3		

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**127**	**127**	**127**	**127**	**127**	**127**
MIC	**N of resistant isolates**	**0**	**115**	**58**	**19**	**8**	**103**
512					5		
>512					7		

Table Antimicrobial susceptibility testing of Campylobacter coli in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**
MIC	**N of resistant isolates**	**0**	**162**	**94**	**20**	**12**	**156**
<=0.125			6	37			
<=0.25						30	
0.25			2	25			
<=0.5							14
0.5				14		117	
<=1					130		
1				33		11	
<=2		67					
2				34	19		
4		95	3	24	1		
>4				3			
8		7	63				
16		1	63			2	3
>16						10	
32			29				24
>32			4				
64							43
>64							86
128					2		
256					4		

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**
MIC	**N of resistant isolates**	**0**	**162**	**94**	**20**	**12**	**156**
512					7		
>512					7		

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**4**	**2**	**1**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**
MIC	**N of resistant isolates**	**0**	**145**	**9**	**0**	**1**	**113**
<=0.125			22	94			
<=0.25						131	
0.25			2	45			
<=0.5							55
0.5			1	22		37	
<=1					169		
1				3		1	2
<=2		151					
2				3	1		
4		19	6	3			
8			72				2
16			55			1	1
32			12				10
64							42
>64							58

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**4**	**2**	**1**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**
MIC	**N of resistant isolates**	**0**	**139**	**18**	**0**	**0**	**89**
<=0.125			26	96			
<=0.25						127	
0.25			5	36			
<=0.5							79
0.5				20		43	
<=1					169		
1				9			2
<=2		159					
2				4	1		
4		10	2	4			
>4				1			
8		1	92				2
16			32				
32			13				7
64							40
>64							40

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:b:- in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			16				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			128				1			

Table Antimicrobial susceptibility testing of Salmonella 6,7:k:- in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					2	2			
			0.5								1	
			<=1			2						2
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			<=0.25						2	
			<=0.5	1						
			0.5							2
			1	1						
			<=2					2		
			<=4			1				
			32			1				
			64				1			
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts | Sampling Type: food sample - meat | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:United Kingdom

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			<=1			1						1
			1						1			
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=2					1		
			<=4			1				
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	3	3	3	3	3	3	3	3
				N of resistant isolates	0	2	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			0.064								1	
			<=0.25					2				
			0.5					1	3			
			<=1									3
			2			1						
			<=4		3							
			4				1					
			<=8							2		
			8				2					
			16							1		
			>32			2						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Not Available	Not Available	Not Available	<=0.03		3					
			<=0.25						1	2
			<=0.5	3						
			0.5						2	
			<=2					3		
			<=4			3				
			8							1
			32				1			
			64				1			
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			<=0.25					2				
			0.5						1			
			<=1			2						2
			1						1			
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	2
			<=0.5	2						
			<=2					2		
			<=4			2				
			32				2			

Table Antimicrobial susceptibility testing of Salmonella Albany in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	11	11	11	11	11	11	11	11
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								9	
			0.064								2	
			<=0.25					11				
			0.5						11			
			<=1			7						11
			2			4						
			<=4		11							
			4				8					
			<=8							10		
			8				3					
			16							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**11**	**11**	**11**	**11**	**11**	**11**	**11**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		11					
			<=0.25						11	10
			<=0.5	9						
			0.5							1
			1	2						
			<=2					11		
			<=4			9				
			<=8				1			
			8			2				
			32				4			
			64				6			

Table Antimicrobial susceptibility testing of Salmonella Albany in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Not Available	Not Available	Not Available	<=0.015								4	
			0.125								1	
			<=0.25					5				
			0.5						5			
			<=1			5						5
			<=4		5							
			4				3					
			<=8							5		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			5					
			<=0.25							5	5
			<=0.5		4						
			1		1						
			<=2						5		
			<=4				4				
			8				1				
			32					3			
			64					2			

Table Antimicrobial susceptibility testing of Salmonella Albany in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	1
			<=0.5		1						
			<=2						1		
			<=4				1				
			16					1			

Table Antimicrobial susceptibility testing of Salmonella Albert in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.064			1					
			<=0.25							1	1
			1		1						
			<=2						1		
			<=4				1				
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Altona in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			<=0.25					2	2			
			<=1			2						2
			<=4		2							
			4				2					
			<=8							2		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	2
			<=0.5	2						
			<=2					2		
			<=4			2				
			64				1			
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			<=0.25					2				
			0.5						2			
			<=1			2						1
			2									1
			<=4		2							
			4				1					
			<=8							2		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	
			<=0.5	2						
			0.5							2
			<=2					2		
			<=4			2				
			64				1			
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Blockley in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								2	
			<=0.25					2	2			
			<=1			1						2
			2			1						
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	1
			<=0.5	2						
			0.5							1
			<=2					2		
			<=4			2				
			16				1			
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	4	4	4	4	4	4	4	4
				N of resistant isolates	0	2	0	0	0	2	2	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			0.125								1	
			<=0.25					4	3			
			0.25								1	
			0.5						1			
			<=1			2						3
			2									1
			<=4		4							
			4				4					
			<=8							2		
			>32			2						
			>64							2		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	2	0.125	8	256	8	0.5	2
				Lowest limit	0.5	0.03	4	8	2	0.25	0.25
				Highest limit	16	16	64	512	32	8	16
				N of tested isolates	4	4	4	4	4	4	4
				N of resistant isolates	0	0	0	2	2	0	2
Not Available	Not Available	Not Available	<=0.03			2					
			0.064			2					
			<=0.25							4	2
			<=0.5		3						
			1		1						
			<=2						2		
			<=4				3				
			8				1				
			16					2			
			>16								2
			>32						2		
			>512					2			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					2	2			
			0.5								1	
			<=1			1						2
			2			1						
			<=4		2							
			4				2					
			<=8							2		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	2
			<=0.5	2						
			<=2					1		
			<=4			1				
			4					1		
			16				1			
			32			1	1			

Table Antimicrobial susceptibility testing of Salmonella Braenderup in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Brancaster in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	1	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=8							1		
			8		1		1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25							1
			<=0.5	1						
			0.5						1	
			<=2					1		
			8			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	7	7	7	7	7	7	7	7
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								5	
			0.03								2	
			<=0.25					7	7			
			<=1			4						7
			2			3						
			<=4		7							
			4				1					
			<=8							7		
			8				6					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			4					
			0.064			3					
			<=0.25							7	7
			<=0.5		6						
			1		1						
			<=2						7		
			<=4				5				
			8				2				
			16					4			
			32					2			
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	3	3	3	3	3	3	3	3
				N of resistant isolates	0	0	0	0	0	0	2	0
Not Available	Not Available	Not Available	0.03								1	
			0.125								1	
			<=0.25					3	2			
			0.5						1		1	
			<=1			1						3
			2			2						
			<=4		3							
			4				1					
			<=8							3		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		3					
			<=0.25						3	3
			<=0.5	3						
			<=2					2		
			<=4			2				
			8					1		
			16				1			
			32			1	1			
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			<=0.25					2	2			
			<=1			2						1
			2									1
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**2**	**0**	**0**	**2**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	
			<=0.5	2						
			<=2					2		
			<=4			2				
			>16							2
			>512				2			

Table Antimicrobial susceptibility testing of Salmonella Carrau in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**1**	**0**	**0**	**1**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			<=2					1		
			<=4			1				
			>16							1
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Cerro in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			2			1						
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			1	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Cerro in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			<=8				1			

Table Antimicrobial susceptibility testing of Salmonella Chester in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	4	4	4	4	4	4	4	4
				N of resistant isolates	0	1	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								3	
			0.03								1	
			<=0.25					4	3			
			0.5						1			
			<=1			2						4
			2			1						
			<=4		4							
			4				2					
			<=8							4		
			8				2					
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			0.064		2					
			<=0.25						4	3
			<=0.5	3						
			1							1
			<=2					4		
			2	1						
			<=4			4				
			32				1			
			64				3			

Table Antimicrobial susceptibility testing of Salmonella Chester in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	21	21	21	21	21	21	21	21
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								9	
			0.03								12	
			<=0.25					21	18			
			0.5						3			
			<=1			17						17
			2			4						4
			<=4		21							
			4				10					
			<=8							21		
			8				11					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**21**	**21**	**21**	**21**	**21**	**21**	**21**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			18					
			0.064			3					
			<=0.25							21	20
			<=0.5		17						
			1		4						1
			<=2						21		
			<=4				21				
			<=8					2			
			16					4			
			32					13			
			64					2			

Table Antimicrobial susceptibility testing of Salmonella Chester in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	2	0	0	0	1	1	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					2	2			
			0.25								1	
			<=1									2
			<=4	2								
			4				2					
			<=8							1		
			>32			2						
			>64							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**0**	**1**	**1**	**1**	**1**
Not Available	Not Available	Not Available	<=0.03			2					
			<=0.25							1	1
			<=0.5		1						
			1		1					1	
			<=2						1		
			<=4				1				
			8				1				
			>16								1
			32					1			
			>32						1		
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Chester in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	3	3	3	3	3	3	3	3
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								2	
			0.03								1	
			<=0.25					3	2			
			0.5						1			
			<=1			2						2
			2			1						1
			<=4		3							
			4				2					
			<=8							3		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			0.064		1					
			<=0.25						3	3
			<=0.5	2						
			<=2					3		
			2	1						
			<=4			3				
			<=8				1			
			32				1			
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Coeln in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Corvallis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								2	
			0.03								1	
			<=0.25					3	3			
			<=1			3						3
			<=2				1					
			<=4		3							
			4				1					
			<=8							3		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		3					
			<=0.25						3	2
			<=0.5	2						
			1	1						1
			<=2					3		
			<=4			3				
			32				1			
			64				2			

Table Antimicrobial susceptibility testing of Salmonella Corvallis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								8	
			0.03								2	
			<=0.25					10	9			
			0.5						1			
			<=1			6						8
			2			4						2
			<=4		10							
			4				10					
			<=8							10		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**10**	**10**	**10**	**10**	**10**	**10**	**10**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		8					
			0.064		2					
			<=0.25						10	9
			<=0.5	10						
			1							1
			<=2					9		
			<=4			9				
			4					1		
			<=8				2			
			8			1				
			16				5			
			64				1			
			128				1			
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Derby in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	3	3	3	3	3	3	3	3
				N of resistant isolates	0	3	0	0	0	0	3	0
Not Available	Not Available	Not Available	<=0.25					2				
			0.25								1	
			0.5					1	2		1	
			<=1									3
			1						1		1	
			<=4		3							
			16				3			3		
			>32			3						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			N of resistant isolates	**0**	**0**	**3**	**3**	**3**	**3**	**3**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		3					
			<=0.5	3						
			1						3	
			>16							3
			32			3				
			>32					3		
			>512				3			

Table Antimicrobial susceptibility testing of Salmonella Derby in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	4	4	4	4	4	4	4	4
				N of resistant isolates	0	4	0	0	0	1	4	0
Not Available	Not Available	Not Available	<=0.25					4				
			0.5						2		4	
			<=1									4
			1						2			
			<=4	4								
			4				1					
			<=8							3		
			8				3					
			32			1						
			>32			3						
			>64							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**
				N of resistant isolates	**0**	**0**	**4**	**1**	**1**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			3					
			0.064			1					
			<=0.25							4	3
			<=0.5		3						
			1		1						1
			<=2						3		
			16				1				
			32				2	3			
			>32						1		
			64				1				
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Durban in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Not Available	Not Available	Not Available	0.125								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			>64			1				
			256				1			

Table Antimicrobial susceptibility testing of Salmonella enterica subsp. enterica serovar -:r:1,5 in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	<=0.25					1				
			<=1									1
			1						1		1	
			<=4		1							
			4			1						
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.5	1						
			0.5						1	1
			4					1		
			32				1			
			>64			1				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			2			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	5	5	5	5	5	5	5	5
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								4	
			<=0.25					5	3			
			0.5						2			
			<=1			2						5
			2			3						
			<=4		5							
			4				4					
			<=8							5		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			3					
			0.064			2					
			<=0.25							5	3
			<=0.5		5						
			0.5								2
			<=2						5		
			<=4				5				
			16					1			
			32					3			
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	29	29	29	29	29	29	29	29
				N of resistant isolates	1	2	0	0	0	2	2	1
Not Available	Not Available	Not Available	<=0.015								6	
			0.03								21	
			0.125								1	
			<=0.25					29	22			
			0.25								1	
			0.5						7			
			<=1			7						20
			2			19						8
			<=4		28							
			4			1	18					1
			<=8							24		
			8		1		10					
			16				1			3		
			>32			2						
			>64							2		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**29**	**29**	**29**	**29**	**29**	**29**	**29**
			MIC	**N of resistant isolates**	**0**	**0**	**2**	**2**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		24					
			0.064		5					
			<=0.25						27	23
			<=0.5	28						
			0.5						2	5
			1							1
			<=2					28		
			2	1						
			<=4			23				
			<=8				2			
			8			4		1		
			16				10			
			32				7			
			64				5			
			>64			2				
			128				3			
			>512				2			

Table Antimicrobial susceptibility testing of Salmonella Give in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	3	3	3	3	3	3	3	3
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								2	
			0.03								1	
			<=0.25					3	3			
			<=1			3						3
			<=4		3							
			4				2					
			<=8							3		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		3					
			<=0.25						3	3
			<=0.5	3						
			<=2					3		
			<=4			3				
			32				2			
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Give in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								2	
			<=0.25					3				
			0.5						3			
			<=1			3						3
			<=4		3							
			4				3					
			<=8							3		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		3					
			<=0.25						3	3
			<=0.5	2						
			1	1						
			<=2					3		
			<=4			3				
			16				2			
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Grumpensis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
				N of resistant isolates	**1**	**0**	**0**	**0**	**0**	**0**	**12**	**0**
Not Available	Not Available	Not Available	<=0.25					12	11			
			0.25								1	
			0.5						1		11	
			<=1			10						12
			2			2						
			<=4		11							
			4				1					
			<=8							12		
			8		1		11					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**12**	**12**	**12**	**12**	**12**	**12**	**12**
			N of resistant isolates	**0**	**0**	**12**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		8					
			0.064		4					
			<=0.25						9	12
			<=0.5	8						
			0.5						3	
			1	3						
			<=2					12		
			2	1						
			16			9	3			
			32			3	5			
			64				3			
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Grumpensis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	6	6	6	6	6	6	6	6
				N of resistant isolates	0	0	0	0	0	0	6	0
Not Available	Not Available	Not Available	<=0.25					6	5			
			0.25								3	
			0.5						1		3	
			<=1			5						6
			2			1						
			<=4		6							
			<=8							6		
			8				6					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**
			MIC / **N of resistant isolates**	**0**	**0**	**6**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		4					
			0.064		2					
			<=0.25						6	6
			<=0.5	4						
			1	2						
			<=2					6		
			<=8				1			
			16			3	1			
			32			2	2			
			64			1	2			

Table Antimicrobial susceptibility testing of Salmonella Havana in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	1	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=8							1		
			8		1		1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Havana in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			<=4				1				
			16					1			

Table Antimicrobial susceptibility testing of Salmonella Hindmarsh in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						
			2									1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella II 4.12:b:- in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								2	
			<=0.25					2				
			0.5						2			
			<=1									2
			2			1						
			<=4		2							
			4			1						
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			0.064		1					
			<=0.25						1	
			<=0.5	2						
			0.5						1	2
			<=2					2		
			<=4			2				
			16				2			

Table Antimicrobial susceptibility testing of Salmonella IIIa 48 z4,z23 in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	2	0.125	8	256	8	0.5	2
			Lowest limit	0.5	0.03	4	8	2	0.25	0.25
			Highest limit	16	16	64	512	32	8	16
			N of tested isolates	1	1	1	1	1	1	1
			N of resistant isolates	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	MIC							
			<=0.03		1					
			<=0.25						1	1
			1	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella IIIa 48 z4,z23 in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			<=8				1			

Table Antimicrobial susceptibility testing of Salmonella Indiana in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
			ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
			Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
			Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**							
Not Available	Not Available	Not Available	<=0.25				1	1			
			0.25							1	
			<=1		1						1
			<=4	1							
			4			1					
			<=8						1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			4					1		
			16				1			
			>64			1				

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	7	7	7	7	7	7	7	7
				N of resistant isolates	0	1	0	0	0	0	6	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					6				
			0.25								1	
			0.5					1	5		4	
			<=1			2						7
			1						2		1	
			2			1						
			<=4		7							
			4			3	1					
			<=8							6		
			8				6					
			16							1		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**
			MIC / **N of resistant isolates**	**0**	**0**	**6**	**4**	**4**	**1**	**3**
Not Available	Not Available	Not Available	<=0.03		6					
			0.064		1					
			<=0.25						1	4
			<=0.5	7						
			0.5						5	
			1						1	
			<=2					1		
			<=4			1				
			4					2		
			>16							3
			32				1			
			>32					4		
			>64			6				
			128				2			
			>512				4			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**
				N of resistant isolates	**0**	**1**	**0**	**0**	**0**	**1**	**17**	**0**
Not Available	Not Available	Not Available	<=0.015								7	
			0.03								3	
			0.064								1	
			<=0.25					27	3			
			0.25								2	
			0.5					1	20		9	
			<=1			12						28
			1						5		5	
			2			6						
			<=4		28							
			4			9	4				1	
			<=8							19		
			8				22					
			16				2			8		
			32			1						
			64							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**28**	**28**	**28**	**28**	**28**	**28**	**28**
				N of resistant isolates	**0**	**0**	**17**	**13**	**14**	**5**	**10**
Not Available	Not Available	Not Available	<=0.03			28					
			<=0.25							12	9
			<=0.5		28						
			0.5							11	8
			1							5	1
			<=2						12		
			<=4				10				
			4						2		
			8				1				
			16					4			1
			>16								9
			32					4			
			>32						14		
			64					2			
			>64				17				
			128					5			
			>512					13			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
			AM substance								
			ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
			Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
			Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
			N of tested isolates	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
Not Available	Not Available	Not Available	<=0.015							4	
			0.03							6	
			<=0.25				12	1			
			0.25							1	
			0.5					10			
			<=1		4						12
			1					1		1	
			2		7						
			<=4	12							
			4			5					
			<=8						11		
			8		1	7					
			16						1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	2	0.125	8	256	8	0.5	2
			Lowest limit	0.5	0.03	4	8	2	0.25	0.25
			Highest limit	16	16	64	512	32	8	16
			N of tested isolates	12	12	12	12	12	12	12
			MIC / N of resistant isolates	0	0	2	2	2	1	1
Not Available	Not Available	Not Available	<=0.03		12					
			<=0.25						9	5
			<=0.5	12						
			0.5						2	6
			1						1	
			<=2					10		
			<=4			9				
			8			1				
			16				1			
			>16							1
			32				5			
			>32					2		
			64				3			
			>64			2				
			128				1			
			>512				2			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	10	10	10	10	10	10	10	10
				N of resistant isolates	1	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	<=0.015								5	
			0.03								4	
			<=0.25					10	3			
			0.5						6		1	
			<=1			6						9
			1						1			
			2			4						1
			<=4		9							
			4				5					
			<=8							9		
			8		1		5					
			16							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**10**	**10**	**10**	**10**	**10**	**10**	**10**
				N of resistant isolates	**0**	**0**	**1**	**1**	**1**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			9					
			0.064			1					
			<=0.25							9	7
			<=0.5		10						
			0.5							1	3
			<=2						9		
			<=4				9				
			<=8					1			
			16					1			
			>32						1		
			64					7			
			>64				1				
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Isangi in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**
Not Available	Not Available	Not Available	<=0.25					4				
			0.5						4		4	
			<=1			4						4
			<=4		4							
			4				1					
			<=8							4		
			8				3					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**
			N of resistant isolates	**0**	**0**	**4**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		4					
			<=0.25						4	3
			<=0.5	4						
			0.5							1
			<=2					4		
			32			4	1			
			64				3			

Table Antimicrobial susceptibility testing of Salmonella Isangi in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**0**
Not Available	Not Available	Not Available	<=0.25					7	1			
			0.5						6		7	
			<=1			5						7
			2			2						
			<=4		7							
			<=8							7		
			8				7					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	2	0.125	8	256	8	0.5	2
				Lowest limit	0.5	0.03	4	8	2	0.25	0.25
				Highest limit	16	16	64	512	32	8	16
				N of tested isolates	7	7	7	7	7	7	7
				N of resistant isolates	1	0	7	1	0	0	0
Not Available	Not Available	Not Available	<=0.03			7					
			<=0.25							7	7
			<=0.5		5						
			1		1						
			<=2						7		
			16				1				
			>16		1						
			32				6				
			64					2			
			128					4			
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Isangi in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			8			1				
			32				1			

Table Antimicrobial susceptibility testing of Salmonella IV 43:z4,z23:- in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			8				1					
			>64							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**0**	**0**	**1**	**1**	**0**	**1**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			<=4			1				
			>16							1
			>32					1		
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	1
			<=0.5		1						
			<=2						1		
			<=4				1				
			32					1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.064			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			<=4				1				
			32					1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			<=1									1
			1						1			
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=2					1		
			<=4			1				
			512				1			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	2	0
Not Available	Not Available	Not Available	<=0.25					2				
			0.5						1			
			<=1			1						2
			1						1			
			2			1						
			<=4		2							
			4				1					
			<=8							2		
			8				1					
			>8								2	

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**2**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	1
			<=0.5	2						
			0.5							1
			<=2					2		
			16				2			
			>64			2				

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	1	0	0	0	0	1	0
Not Available	Not Available	Not Available	<=0.25					1				
			<=1									1
			2						1			
			<=4		1							
			4				1					
			<=8							1		
			>8								1	
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			16				1			
			>64			1				

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	1	0	0	0	1	1	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					2				
			0.5						2			
			<=1									2
			2			1						
			<=4		2							
			4				1					
			<=8							1		
			8				1					
			>8								1	
			>32			1						
			>64							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	2	0.125	8	256	8	0.5	2
				Lowest limit	0.5	0.03	4	8	2	0.25	0.25
				Highest limit	16	16	64	512	32	8	16
				N of tested isolates	2	2	2	2	2	2	2
				N of resistant isolates	0	0	1	0	2	0	0
Not Available	Not Available	Not Available	<=0.03			2					
			<=0.25							1	1
			<=0.5		2						
			0.5							1	1
			<=4				1				
			<=8					1			
			32					1			
			>32						2		
			>64				1				

Table Antimicrobial susceptibility testing of Salmonella Kottbus in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			0.064								1	
			<=0.25					2	1			
			0.5						1			
			<=1			2						2
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	
			<=0.5	1						
			0.5							2
			1	1						
			<=2					2		
			<=4			2				
			16				1			
			32				1			

Table Antimicrobial susceptibility testing of Salmonella London in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Not Available	Not Available	Not Available	<=0.25					1	1			
			0.5								1	
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			16				1				
			32					1			

Table Antimicrobial susceptibility testing of Salmonella London in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**2**	**0**	**0**	**0**	**0**	**2**	**0**
Not Available	Not Available	Not Available	<=0.25					2	2			
			0.5								2	
			<=1									2
			<=4		2							
			4				1					
			<=8							2		
			8				1					
			>32			2						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC / **N of resistant isolates**	**0**	**0**	**2**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			<=0.25						2	2
			<=0.5	2						
			<=2					2		
			16			1				
			32			1				
			128				1			
			512				1			

Table Antimicrobial susceptibility testing of Salmonella London in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=2					1		
			<=4			1				
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	19	19	19	19	19	19	19	19
				N of resistant isolates	0	0	0	0	0	0	7	0
Not Available	Not Available	Not Available	<=0.015								5	
			0.03								6	
			0.064								1	
			0.125								1	
			<=0.25					19	1			
			0.25								4	
			0.5						17		2	
			<=1			15						19
			1						1			
			2			4						
			<=4		19							
			4				1					
			<=8							18		
			8				15					
			16				3			1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**19**	**19**	**19**	**19**	**19**	**19**	**19**
				N of resistant isolates	**2**	**0**	**3**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			19					
			<=0.25							18	17
			<=0.5		10						
			0.5							1	2
			1		7						
			<=2						19		
			<=4				9				
			8				7				
			16		2		3				
			64					7			
			128					9			
			256					2			
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	18	18	18	18	18	18	18	18
				N of resistant isolates	0	0	0	0	0	0	8	0
Not Available	Not Available	Not Available	<=0.015								8	
			0.03								2	
			0.125								1	
			<=0.25					18	2			
			0.25								5	
			0.5						16		2	
			<=1			14						18
			2			4						
			<=4		18							
			<=8							18		
			8				16					
			16				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**18**	**18**	**18**	**18**	**18**	**18**	**18**
			MIC	**N of resistant isolates**	**1**	**0**	**3**	**2**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		18					
			<=0.25						18	13
			<=0.5	15						
			0.5							5
			1	2						
			<=2					18		
			<=4			11				
			8			4				
			16			3				
			>16	1						
			32				2			
			64				5			
			128				8			
			256				1			
			512				1			
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								2	
			<=0.25					2	1			
			0.5						1			
			<=1			2						2
			<=4		2							
			4				1					
			<=8							2		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	2
			<=0.5	2						
			<=2					2		
			<=4			2				
			16				1			
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								2	
			<=0.25					2				
			0.5						2			
			<=1									2
			2			2						
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		2					
			<=0.25						2	2
			1	2						
			<=2					2		
			<=4			1				
			8			1				
			64				1			
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Meleagridis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	<=0.25					1				
			0.25								1	
			0.5						1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=4			1				
			4					1		
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	0.03								1	
			0.125								1	
			<=0.25					2	2			
			<=1			1						2
			2			1						
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			<=0.25						1	1
			<=0.5	1						
			0.5						1	1
			1	1						
			<=2					2		
			<=4			1				
			16			1				
			128				2			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								3	
			<=0.25					3	3			
			<=1									3
			2			2						
			<=4		3							
			4				1					
			<=8							2		
			8				2					
			16							1		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			0.064		1					
			<=0.25						3	3
			<=0.5	2						
			1	1						
			<=2					3		
			<=4			3				
			<=8				1			
			16				1			
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			1	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
			AM substance								
			ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
			Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
			Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			N of resistant isolates	**0**	**1**	**1**	**0**	**0**	**0**	**1**	**0**
Not Available	Not Available	Not Available	0.03							2	
			0.125							1	
			<=0.25				3	2			
			<=1								2
			1					1			
			2		2						1
			<=4	3							
			4			1					
			<=8						3		
			8			1					
			>32		1						
			64			1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	2	0.125	8	256	8	0.5	2
				Lowest limit	0.5	0.03	4	8	2	0.25	0.25
				Highest limit	16	16	64	512	32	8	16
				N of tested isolates	3	3	3	3	3	3	3
				N of resistant isolates	0	0	0	1	0	0	0
Not Available	Not Available	Not Available	<=0.03			2					
			0.064			1					
			<=0.25							3	
			<=0.5		2						
			0.5								3
			1		1						
			<=2						2		
			<=4				3				
			8						1		
			32					2			
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Minnesota in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts | Sampling Type: food sample - meat | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON pnl2

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Brazil

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.5**	**0.5**	**8**	**2**	**2**	**0.064**	**1**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**1**	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**										
			<=0.064	1									
			0.064							1		1	
			0.25								1		
			8										1
			32		1								
			64			1		1	1				
			>64				1						

Table Antimicrobial susceptibility testing of Salmonella Minnesota in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts | Sampling Type: food sample - meat | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Brazil

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	1	0	1	1	0	1	0
Not Available	Not Available	Not Available	0.5								1	
			<=1									1
			<=4	1								
			4				1					
			>4					1				
			<=8							1		
			>8						1			
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**1**	**1**	**1**	**0**	**0**
Not Available	Not Available	Not Available	0.064			1					
			<=0.25								1
			<=0.5		1						
			0.5							1	
			32				1				
			>32						1		
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Mishmarhaemek in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			2			1						
			<=4		1							
			8				1					
			16							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Mishmarhaemek in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	2	0.125	8	256	8	0.5	2
			Lowest limit	0.5	0.03	4	8	2	0.25	0.25
			Highest limit	16	16	64	512	32	8	16
			N of tested isolates	1	1	1	1	1	1	1
			N of resistant isolates	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	MIC							
			<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	1
			1		1						
			<=2						1		
			<=4				1				
			16					1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	3	3	3	3	3	3	3	3
				N of resistant isolates	0	2	0	0	0	0	2	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					3	1			
			0.5						2		1	
			<=1			1						3
			1								1	
			<=4		3							
			4				1					
			<=8							3		
			8				2					
			>32			2						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		3					
			<=0.25						3	3
			<=0.5	3						
			<=2					3		
			<=4			1				
			8			1				
			32			1				
			128				1			
			256				1			
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.064								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			4					1		
			8			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Muenster in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	3	3	3	3	3	3	3	3
				N of resistant isolates	0	0	0	0	0	0	2	0
Not Available	Not Available	Not Available	0.03								1	
			0.125								2	
			<=0.25					3				
			0.5						3			
			<=1			3						3
			<=4		3							
			4				2					
			<=8							3		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC / **N of resistant isolates**	**0**	**0**	**2**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		3					
			<=0.25						3	2
			<=0.5	1						
			0.5							1
			1	2						
			<=2					3		
			8			1				
			32				2			
			>64			2				
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Muenster in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	1	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								2	
			<=0.25					1				
			0.5					1	2			
			<=1			2						2
			<=4		1							
			4				1					
			<=8							2		
			8		1		1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			<=0.25						1	2
			<=0.5	2						
			0.5						1	
			<=2					2		
			<=4			2				
			64				1			
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Muenster in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.125								1	
			<=0.25					2				
			0.5						2			
			<=1			2						2
			<=4		2							
			4				2					
			<=8							2		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			2					
			<=0.25							2	2
			<=0.5		2						
			<=2						2		
			<=4				1				
			16					1			
			64					1			
			>64				1				

Table Antimicrobial susceptibility testing of Salmonella Newport in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25								1
			<=0.5		1						
			0.5							1	
			<=2						1		
			<=4				1				
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			2			1						
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25								1
			0.5							1	
			1		1						
			<=2						1		
			<=4				1				
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	4	4	4	4	4	4	4	4
				N of resistant isolates	0	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	<=0.015								2	
			0.03								1	
			0.125								1	
			<=0.25					4	4			
			<=1			2						4
			2			2						
			<=4		4							
			4				3					
			<=8							4		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		4					
			<=0.25						4	3
			<=0.5	3						
			0.5							1
			1	1						
			<=2					4		
			<=4			3				
			64				2			
			>64			1				
			128				2			

Table Antimicrobial susceptibility testing of Salmonella Niloese in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	2	0	0	0	2	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			<=0.25					2	2			
			<=1									1
			2									1
			<=4		2							
			4				2					
			32			1				2		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	2	0.125	8	256	8	0.5	2
				Lowest limit	0.5	0.03	4	8	2	0.25	0.25
				Highest limit	16	16	64	512	32	8	16
				N of tested isolates	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	2	0	2
Not Available	Not Available	Not Available	<=0.03			2					
			<=0.25							2	
			<=0.5		2						
			<=4				2				
			16						2		
			>16								2
			32					1			
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Offa in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	2	0.125	8	256	8	0.5	2
			Lowest limit	0.5	0.03	4	8	2	0.25	0.25
			Highest limit	16	16	64	512	32	8	16
			N of tested isolates	1	1	1	1	1	1	1
			N of resistant isolates	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	MIC							
			<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Offa in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.064		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			<=8				1			

Table Antimicrobial susceptibility testing of Salmonella Ohio in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Ohio in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25							1
			<=0.5	1						
			0.5						1	
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Ohio in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	7	7	7	7	7	7	7	7
				N of resistant isolates	0	0	0	0	0	0	2	0
Not Available	Not Available	Not Available	<=0.015								3	
			0.03								2	
			<=0.25					7				
			0.5						6		2	
			<=1			6						7
			1						1			
			2			1						
			<=4		7							
			4				4					
			<=8							7		
			8				3					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**
			MIC / **N of resistant isolates**	**0**	**0**	**2**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		7					
			<=0.25						6	6
			<=0.5	7						
			0.5						1	1
			<=2					6		
			<=4			5				
			4					1		
			16			1	3			
			32			1	3			
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Oranienburg in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								1	
			<=0.25					2	1			
			0.5						1			
			<=1			2						2
			<=4		2							
			<=8							2		
			8				2					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			0.064		1					
			<=0.25						2	2
			<=0.5	1						
			1	1						
			<=2					2		
			<=4			2				
			16				1			
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Poona in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Poona in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			<=4				1				
			16					1			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.5**	**0.5**	**8**	**2**	**2**	**0.064**	**1**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**										
			<=0.015							1			
			<=0.03									1	
			0.125			1							
			0.25								1		
			0.5						1				
			2					1					
			4	1			1						
			8										1
			32		1								

Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**1**	**0**	**1**	**0**	**1**	**1**	**0**
Not Available	Not Available	Not Available	0.25								1	
			<=1									1
			2						1			
			<=4		1							
			>4					1				
			8				1					
			>32			1						
			>64							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**1**	**0**	**0**	**1**	**1**	**0**	**1**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			0.5						1	
			8	1		1				
			>16							1
			>32					1		
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	1	0	0	0	1	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			<=4		1							
			8				1					
			>32			1						
			64							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**1**	**0**	**0**	**1**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.5	1						
			0.5						1	
			<=2					1		
			<=4			1				
			>16							1
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	1	1	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1									1
			<=4	1								
			<=8							1		
			>32			1						
			>64				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**0**	**0**	**1**	**1**	**0**	**1**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			<=0.5	1						
			0.5						1	
			<=4			1				
			>16							1
			>32					1		
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Saintpaul in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	6	6	6	6	6	6	6	6
				N of resistant isolates	0	6	0	0	0	0	6	0
Not Available	Not Available	Not Available	<=0.25					6	4			
			0.25								5	
			0.5						2		1	
			<=1									6
			<=4		6							
			4				5					
			<=8							6		
			8				1					
			>32			6						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	2	0.125	8	256	8	0.5	2
				Lowest limit	0.5	0.03	4	8	2	0.25	0.25
				Highest limit	16	16	64	512	32	8	16
				N of tested isolates	6	6	6	6	6	6	6
				N of resistant isolates	0	0	2	0	6	0	0
Not Available	Not Available	Not Available	<=0.03			6					
			<=0.25								4
			<=0.5		6						
			0.5							6	2
			8				4				
			16				2	4			
			32					2			
			>32						6		

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								2	
			<=0.25					2				
			0.5						2			
			<=1			1						2
			2			1						
			<=4		2							
			4				2					
			<=8							2		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC	**N of resistant isolates**	**0**	**0**	**1**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			2					
			<=0.25							1	1
			<=0.5		1						
			0.5							1	1
			1		1						
			<=2						2		
			<=4				1				
			16				1				
			64					1			
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	6	6	6	6	6	6	6	6
				N of resistant isolates	0	0	0	0	0	0	1	0
Not Available	Not Available	Not Available	<=0.015								5	
			<=0.25					6				
			0.25								1	
			0.5						6			
			<=1			4						6
			2			2						
			<=4		6							
			4				5					
			<=8							4		
			8				1					
			16							2		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**
				N of resistant isolates	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			5					
			0.064			1					
			<=0.25							5	3
			<=0.5		5						
			0.5							1	2
			1		1						1
			<=2						6		
			<=4				5				
			16				1	3			
			32					2			
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**0**
Not Available	Not Available	Not Available	<=0.25					1				
			<=1									1
			1						1		1	
			<=4		1							
			16				1			1		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			0.5						1	1
			1	1						
			4					1		
			16			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			<=4				1				
			32					1			

Table Antimicrobial susceptibility testing of Salmonella Tennessee in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			<=4				1				
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Thompson in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			<=4				1				
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Thompson in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	6	6	6	6	6	6	6	6
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								4	
			0.03								2	
			<=0.25					6	6			
			<=1			5						5
			2			1						1
			<=4		6							
			4				5					
			<=8							6		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		6					
			<=0.25						6	5
			<=0.5	6						
			0.5							1
			<=2					6		
			<=4			6				
			16				4			
			64				2			

Table Antimicrobial susceptibility testing of Salmonella Toulon in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			0.5							1
			1	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Toulon in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1									1
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Toulon in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=2					1		
			<=4			1				
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Toulon in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	
			<=0.5	1						
			0.5							1
			<=2					1		
			<=4			1				
			128				1			

Table Antimicrobial susceptibility testing of Salmonella Toulon in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	
			<=0.5		1						
			0.5								1
			<=2						1		
			<=4				1				
			16					1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	1	0	0	0	1	1	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					2	1			
			0.25								1	
			0.5						1			
			<=1									1
			2			1						1
			<=4		2							
			4				2					
			<=8							1		
			>32			1						
			64							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**1**	**1**	**1**	**0**	**1**
Not Available	Not Available	Not Available	0.064			2					
			<=0.25							2	
			<=0.5		2						
			0.5								1
			<=2						1		
			<=4				1				
			16				1	1			
			>16								1
			>32						1		
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
Not Available	Not Available	Not Available	0.064	**N of resistant isolates**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
			<=0.25					1			1	
			<=1									1
			1						1			
			<=4		1							
			8				1					
			16							1		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.5	1						
			0.5						1	1
			8			1				
			>32					1		
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
			AM substance								
			ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
			Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
			Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
			N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Not Available	Not Available	Not Available	<=0.015							1	
			0.03							2	
			<=0.25				3	2			
			0.5					1			
			<=1		1						2
			2		2						
			<=4	3							
			4			2					1
			<=8						3		
			8			1					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.064			3					
			<=0.25							1	3
			<=0.5		3						
			0.5							2	
			<=2						3		
			<=4				3				
			<=8					1			
			32					1			
			128					1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	7	7	7	7	7	7	7	7
				N of resistant isolates	0	2	0	0	0	2	1	0
Not Available	Not Available	Not Available	<=0.015								1	
			0.03								4	
			0.064								1	
			<=0.25					7	5			
			0.5						2		1	
			<=1			1						5
			2			3						2
			<=4		7							
			4				7					
			<=8							5		
			8			1						
			>32			2						
			>64							2		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**
			MIC / **N of resistant isolates**	**0**	**0**	**1**	**2**	**2**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		2					
			0.064		5					
			<=0.25						7	6
			<=0.5	7						
			0.5							1
			<=2					5		
			<=4			5				
			<=8				2			
			8			1				
			16				2			
			32			1				
			>32					2		
			256				1			
			>512				2			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	4	4	4	4	4	4	4	4
				N of resistant isolates	0	4	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								2	
			0.03								2	
			<=0.25					4	2			
			0.5						2			
			<=1									4
			<=4		4							
			4				3					
			<=8							4		
			8				1					
			>32			4						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**4**	**3**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		4					
			<=0.25						4	4
			<=0.5	4						
			<=2					1		
			<=4			4				
			>32					3		
			>512				4			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	2	2	2	2	2	2	2	2
				N of resistant isolates	0	2	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								2	
			<=0.25					2	1			
			0.5						1			
			<=1									2
			<=4		2							
			4				1					
			<=8							2		
			8				1					
			>32			2						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**2**	**2**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			0.064		1					
			<=0.25						1	2
			<=0.5	1						
			0.5						1	
			1	1						
			<=4			2				
			>32					2		
			>512				2			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1									1
			<=4		1							
			4				1					
			<=8							1		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=4			1				
			>32					1		
			>512				1			

Table Antimicrobial susceptibility testing of Salmonella Uganda in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								2	
			<=0.25					2	2			
			<=1			2						2
			<=4		2							
			4				2					
			<=8							2		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			2					
			<=0.25							2	1
			<=0.5		2						
			0.5								1
			<=2						2		
			<=4				2				
			16					1			
			64					1			

Table Antimicrobial susceptibility testing of Salmonella Uganda in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	19	19	19	19	19	19	19	19
				N of resistant isolates	1	1	0	0	0	1	2	0
Not Available	Not Available	Not Available	<=0.015								9	
			0.03								6	
			0.064								2	
			<=0.25					19	18			
			0.25								2	
			0.5						1			
			<=1			13						19
			2			5						
			<=4		18							
			4				13					
			<=8							17		
			8		1		6					
			16							1		
			>32			1						
			64							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**19**	**19**	**19**	**19**	**19**	**19**	**19**
			MIC	**N of resistant isolates**	**0**	**0**	**0**	**1**	**0**	**0**	**1**
Not Available	Not Available	Not Available	<=0.03			19					
			<=0.25							19	3
			<=0.5		17						
			0.5								14
			1		2						1
			<=2						19		
			<=4				16				
			8				3				
			16					10			
			>16								1
			32					5			
			64					3			
			>512					1			

Table Antimicrobial susceptibility testing of Salmonella V 48:z35:- in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

Table Antimicrobial susceptibility testing of Salmonella Virchow in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	5	5	5	5	5	5	5	5
				N of resistant isolates	0	0	0	0	0	0	5	0
Not Available	Not Available	Not Available	<=0.25					5	1			
			0.25								5	
			0.5						4			
			<=1			3						5
			2			2						
			<=4		5							
			4				4					
			<=8							5		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**
			MIC / **N of resistant isolates**	**0**	**0**	**5**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		5					
			<=0.25						5	3
			<=0.5	3						
			0.5							2
			1	2						
			<=2					5		
			64				3			
			>64			5				
			128				1			
			256				1			

Table Antimicrobial susceptibility testing of Salmonella Virchow in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**
Not Available	Not Available	Not Available	<=0.25					2	2			
			0.25								2	
			<=1			1						2
			2			1						
			<=4		2							
			4				1					
			<=8							2		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**0**	**0**	**2**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			0.125		1					
			<=0.25						2	1
			<=0.5	2						
			0.5							1
			<=2					2		
			64				2			
			>64			2				

Table Antimicrobial susceptibility testing of Salmonella Virchow in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**
Not Available	Not Available	Not Available	<=0.25					1	1			
			0.25								1	
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**0**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**							
			<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			16				1			
			>64			1				

Table Antimicrobial susceptibility testing of Salmonella Waycross in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			0.5						1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			1	1						
			<=2					1		
			<=4			1				
			32				1			

Table Antimicrobial susceptibility testing of Salmonella Wilhelmsburg in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1				
			<=1									1
			1						1			
			2			1						
			<=4		1							
			<=8							1		
			8				1					

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.5	1						
			0.5						1	1
			<=2					1		
			8			1				
			64				1			

Table Antimicrobial susceptibility testing of Salmonella Yovokome in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	0.03								1	
			<=0.25					1	1			
			<=1			1						1
			<=4		1							
			4				1					
			<=8							1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			MIC / **N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		1					
			<=0.25						1	1
			<=0.5	1						
			<=2					1		
			<=4			1				
			16				1			

ANTIMICROBIAL RESISTANCE TABLES FOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Cefoxitin		Ceftazidim		Ceftazidime + Clavulanic acid
			ECOFF	0.125		0.25		0.25		8		0.5		0.5
			Lowest limit	0.064		0.25		0.064		0.5		0.25		0.125
			Highest limit	32		64		64		64		128		128
			N of tested isolates	8	67	8	67	8	67	8	67	8	67	8
			MIC / N of resistant isolates	8	66	8	67	0	1	0	4	8	67	0
Not Available	Not Available	Not Available	<=0.015											
			<=0.03											
			0.03											
			<=0.064		1			7	44					
			0.064											
			<=0.125											5
			0.125					1	20					
			0.25	1	3				2					2
			0.5	1	24									1
			1	2	14	1						1		
			2	1	5	2	3		1	1	4		4	
			4	2	1		17			5	31	1	3	

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid
			ECOFF	0.125	0.25	0.25	8	0.5	0.5
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125
			Highest limit	32	64	64	64	128	128
			N of tested isolates	8 / 67	8 / 67	8 / 67	8 / 67	8 / 67	8
			MIC / N of resistant isolates	8 / 66	8 / 67	0 / 1	0 / 4	8 / 67	0
Not Available	Not Available	Not Available	8	6	1 / 22		2 / 28	2 / 11	
			16	1 / 5	1 / 5		4	2 / 25	
			32	1	2 / 1			2 / 13	
			>32	7					
			64		11			7	
			>64		1 / 8				
			128					4	

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.5	0.064	0.5	0.125	16
			Lowest limit	0.125	0.015	0.125	0.03	0.5
			Highest limit	128	2	16	16	128
			N of tested isolates	67 / 8	67 / 8	67 / 8	67 / 8	67
			MIC / N of resistant isolates	1 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0
Not Available	Not Available	Not Available	<=0.015		7	54			
			<=0.03				8	64	
			0.03		1	12			
			<=0.064						
			0.064			1		3	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Ceftazidime + Clavulanic acid	Ertapenem		Imipenem		Meropenem		Temocillin	
				ECOFF	0.5	0.064		0.5		0.125		16	
				Lowest limit	0.125	0.015		0.125		0.03		0.5	
				Highest limit	128	2		16		16		128	
				N of tested isolates	67	8	67	8	67	8	67	8	67
				N of resistant isolates	1	0	0	0	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.125		15			7	7				
			0.125										
			0.25		42				54				
			0.5		9			1	6				
			1										
			2		1							1	
			4									3	18
			8									3	39
			16									1	10
			32										
			>32										
			64										
			>64										
			128										

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin		Ampicillin		Azithromycin		Cefotaxim		Ceftazidim
				ECOFF	8		8		16		0.25		0.5
				Lowest limit	4		1		2		0.25		0.25
				Highest limit	128		32		64		4		8
				N of tested isolates	8	67	8	67	8	67	8	67	8
				N of resistant isolates	0	1	8	67	0	1	8	67	8
Not Available	Not Available	Not Available	<=0.015										
			0.03										
			0.125										
			0.25										
			0.5										
			<=1										
			1										1
			<=2						2	3			
			2								3	3	
			<=4	8	61								
			4						6	29	1	18	2
			>4								4	46	
			<=8										
			8		5					34			1
			>8										4
			16		1								
			32							1			
			>32			8	67						
			64										
			>64										

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
			ECOFF	**0.5**	**16**	**0.064**	**2**
			Lowest limit	**0.25**	**8**	**0.015**	**1**
			Highest limit	**8**	**64**	**8**	**16**
			N of tested isolates	**67**	**8** 67	**8** 67	**8** 67
Not Available	Not Available	Not Available	**MIC N of resistant isolates**	**67**	**3** **27**	**6** **39**	**0** **0**
			<=0.015			2 22	
			0.03			6	
			0.125			2	
			0.25			7	
			0.5			4 11	
			<=1				8 67
			1			1 7	
			<=2				
			2	2			
			<=4				
			4	5			
			>4				
			<=8		5 34		
			8	12		1 5	
			>8	48		7	
			16		6		
			32		2 6		
			>32				
			64		10		
			>64		1 11		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin		Meropenem		Nalidixic acid		Sulfamethoxazole		Tetracycline
				ECOFF	**2**		**0.125**		**8**		**64**		**8**
				Lowest limit	**0.5**		**0.03**		**4**		**8**		**2**
				Highest limit	**16**		**16**		**64**		**512**		**32**
				N of tested isolates	**8**	**67**	**8**	**67**	**8**	**67**	**8**	**67**	**8**
Not Available	Not Available	Not Available		**N of resistant isolates**	**0**	**2**	**0**	**0**	**4**	**28**	**3**	**37**	**5**
			<=0.03				8	64					
			0.064					2					
			0.125					1					
			<=0.25										
			<=0.5		5	16							
			0.5										
			1		3	39							
			<=2										3
			2			10							
			<=4						2	30			
			4										
			<=8								2	11	
			8						2	9			
			16						1	12	1	10	
			>16			2							
			32								2	3	
			>32										5
			64									6	
			>64						3	16			
			512									1	
			>512								3	36	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Tetracycline	Tigecycline		Trimethoprim	
				ECOFF	**8**	**0.5**		**2**	
				Lowest limit	**2**	**0.25**		**0.25**	
				Highest limit	**32**	**8**		**16**	
				N of tested isolates	**67**	**8**	**67**	**8**	**67**
				N of resistant isolates	**45**	**0**	**0**	**1**	**10**
Not Available	Not Available	Not Available	<=0.03						
			0.064						
			0.125						
			<=0.25			7	59	2	41
			<=0.5						
			0.5			1	8	5	14
			1						2
			<=2		18				
			2						
			<=4						
			4		4				
			<=8						
			8						
			16						
			>16					1	10
			32		5				
			>32		40				
			64						
			>64						
			512						
			>512						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Not applicable

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
				ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
				Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
				Highest limit	32	64	64	64	128	128	2	16	16	128
				N of tested isolates	1	1	1	1	1	1	1	1	1	1
				N of resistant isolates	1	1	0	0	1	0	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								1			
			<=0.03										1	
			<=0.064				1							
			<=0.125							1				
			0.25									1		
			0.5		1									
			4					1						1
			8			1								
			32						1					

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from turkey - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Not applicable

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	1	0	1	1	0	1	0
Not Available	Not Available	Not Available	<=1									1
			1								1	
			<=4	1								
			4				1	1				
			<=8							1		
			>8						1			
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**1**	**0**	**1**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	1
			2	1							
			<=8					1			
			32				1				
			>32						1		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Cefoxitin		Ceftazidim		Ceftazidime + Clavulanic acid
			ECOFF	0.125		0.25		0.25		8		0.5		0.5
			Lowest limit	0.064		0.25		0.064		0.5		0.25		0.125
			Highest limit	32		64		64		64		128		128
			N of tested isolates	38	111	38	111	38	111	38	111	38	111	38
			N of resistant isolates	36	100	38	111	8	18	9	28	37	111	8
Not Available	Not Available	Not Available	MIC											
			<=0.015											
			<=0.03											
			0.03											
			<=0.064					25	63					
			0.064											
			<=0.125											21
			0.125	2	11			5	25					1
			<=0.25									1		
			0.25	6	7				5					7
			0.5	18	37				2					1
			1	5	25	1	1					1	3	
			2	1	14	15	2	1	10	2	8	1	9	
			4	1	6	9	31	4	4	16	49	3	7	3
			8	3	3	1	47	3	1	11	26	10	13	5
			16	1	2	7	10		1	2	14	14	26	

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Cefoxitin		Ceftazidim		Ceftazidime + Clavulanic acid
			ECOFF	0.125		0.25		0.25		8		0.5		0.5
			Lowest limit	0.064		0.25		0.064		0.5		0.25		0.125
			Highest limit	32		64		64		64		128		128
			N of tested isolates	38	111	38	111	38	111	38	111	38	111	38
			N of resistant isolates	36	100	38	111	8	18	9	28	37	111	8
Not Available	Not Available	Not Available	MIC											
			32	1	4	2	9				9	6	37	
			>32		2									
			64			2	6			3	4	1	12	
			>64			1	5			4	1			
			128									1	4	

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Ceftazidime + Clavulanic acid		Ertapenem		Imipenem		Meropenem		Temocillin	
			ECOFF	0.5		0.064		0.5		0.125		16	
			Lowest limit	0.125		0.015		0.125		0.03		0.5	
			Highest limit	128		2		16		16		128	
			N of tested isolates	111	38	111	38	111	38	111	38	111	
			N of resistant isolates	18	6	1	0	0	0	0	1	0	
Not Available	Not Available	Not Available	MIC										
			<=0.015		27	90							
			<=0.03						36	103			
			0.03		3	15							
			<=0.064										
			0.064		2	5			1	8			
			<=0.125	30			18	9					
			0.125		5				1				

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Ceftazidime + Clavulanic acid	Ertapenem		Imipenem		Meropenem		Temocillin	
			ECOFF	0.5	0.064		0.5		0.125		16	
			Lowest limit	0.125	0.015		0.125		0.03		0.5	
			Highest limit	128	2		16		16		128	
			N of tested isolates	111	38	111	38	111	38	111	38	111
			N of resistant isolates	18	6	1	0	0	0	0	1	0
Not Available	Not Available	Not Available	MIC									
			<=0.25									
			0.25	57		1	20	85				
			0.5	6	1			17				
			1	1								
			2	2							1	
			4	9							21	25
			8	5							11	63
			16	1							4	23
			32								1	
			>32									
			64									
			>64									
			128									

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Amikacin		Ampicillin		Azithromycin		Cefotaxim		Ceftazidim
			ECOFF	8		8		16		0.25		0.5
			Lowest limit	4		1		2		0.25		0.25
			Highest limit	128		32		64		4		8
			N of tested isolates	38	111	38	111	38	111	38	111	38
			MIC N of resistant isolates	0	1	38	111	1	2	38	111	37
Not Available	Not Available	Not Available	<=0.015									
			0.03									
			0.125									
			0.25									
			0.5									1
			<=1									
			1							2	1	1
			<=2					12	1			
			2							10	2	1
			<=4	37	89							
			4					20	43	12	31	1
			>4							14	77	
			<=8									
			8	1	21			4	60			12
			>8									22
			16		1			1	5			
			32			1						
			>32			37	111					
			64					1	2			
			>64									

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Ceftazidim	Chloramphenicol		Ciprofloxacin		Colistin	
				ECOFF	0.5	16		0.064		2	
				Lowest limit	0.25	8		0.015		1	
				Highest limit	8	64		8		16	
				N of tested isolates	111	38	111	38	111	38	111
				N of resistant isolates	111	7	20	32	89	0	0
Not Available	Not Available	Not Available	<=0.015					6	17		
			0.03						5		
			0.125						1		
			0.25					5	37		
			0.5					3	20		
			<=1							38	111
			1		3			9	6		
			<=2								
			2		11				3		
			<=4								
			4		5			3	3		
			>4								
			<=8			30	73				
			8		12			2	11		
			>8		80			10	8		
			16			1	18				
			32			1	5				
			>32								
			64			2	5				
			>64			4	10				

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin		Meropenem		Nalidixic acid		Sulfamethoxazole		Tetracycline
				ECOFF	**2**		**0.125**		**8**		**64**		**8**
				Lowest limit	**0.5**		**0.03**		**4**		**8**		**2**
				Highest limit	**16**		**16**		**64**		**512**		**32**
				N of tested isolates	**38**	**111**	**38**	**111**	**38**	**111**	**38**	**111**	**38**
Not Available	Not Available	Not Available		**N of resistant isolates**	**7**	**4**	**0**	**0**	**28**	**65**	**15**	**51**	**13**
			<=0.03				36	96					
			0.064				1	14					
			0.125				1	1					
			<=0.25										
			<=0.5		23	28							
			0.5										
			1		7	63							
			<=2										24
			2		1	16							
			<=4						6	23			
			4										1
			<=8								14	17	
			8						4	23			
			16		1				3	15	5	24	
			>16		6	4							
			32						3	4	2	12	2
			>32										11
			64						1	1	2	7	
			>64						21	45			
			128								1		
			512									1	
			>512								14	50	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Tetracycline	Tigecycline		Trimethoprim	
				ECOFF	**8**	**0.5**		**2**	
				Lowest limit	**2**	**0.25**		**0.25**	
				Highest limit	**32**	**8**		**16**	
				N of tested isolates	**111**	**38**	**111**	**38**	**111**
Not Available	Not Available	Not Available		**N of resistant isolates**	**55**	**1**	**0**	**7**	**34**
			<=0.03						
			0.064						
			0.125						
			<=0.25			34	104	20	41
			<=0.5						
			0.5			3	7	9	32
			1			1		1	4
			<=2		38				
			2					1	
			<=4						
			4		18				
			<=8						
			8						
			16						2
			>16					7	32
			32		5				
			>32		50				
			64						
			>64						
			128						
			512						
			>512						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	170	170	170	170	170	170	170	170
				N of resistant isolates	0	59	2	0	0	13	99	0
Not Available	Not Available	Not Available	<=0.015								63	
			0.03								5	
			0.064								3	
			0.125								11	
			<=0.25					170	163			
			0.25								29	
			0.5						7		16	
			<=1			6						170
			1								22	
			<=2				19					
			2			55					3	
			<=4		166							
			4			44	88				1	
			<=8							155		
			8		4	6	51				12	
			>8								5	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**
				N of resistant isolates	**0**	**59**	**2**	**0**	**0**	**13**	**99**	**0**
Not Available	Not Available	Not Available	16			1	10			2		
			32				2			4		
			>32			58						
			64							5		
			>64							4		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**
Not Available	Not Available	Not Available		**N of resistant isolates**	**8**	**0**	**92**	**48**	**44**	**0**	**32**
				<=0.03		169					
				0.064		1					
				<=0.25						161	84
				<=0.5	135						
				0.5						9	52
				1	26						2
				<=2					126		
				2	1						
				<=4			71				
				<=8				63			
				8	1		7				
				16	2		6	49			2
				>16	5						30
				32			3	10	1		
				>32					43		
				64			8				
				>64			75				
				>512				48			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	128
			N of tested isolates	243	243	243	243	243	243	243	243	243	243
			N of resistant isolates	220	243	44	54	236	44	3	0	0	0
Not Available	Not Available	Not Available	MIC										
			<=0.015							205			
			<=0.03									243	
			0.03							23			
			<=0.064	6		185							
			0.064							12			
			<=0.125						163		146		
			0.125	17		13				3			
			<=0.25					1					
			0.25	31		1			33		97		
			0.5	86				6	3				
			1	36	2	2	1	9	1				
			2	37	26	14	54	4	14				7
			4	14	63	20	108	16	15				110
			8	7	74	7	26	27	13				107
			16	5	49	1	21	75	1				19

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**243**	**243**	**243**	**243**	**243**	**243**	**243**	**243**	**243**	**243**
			N of resistant isolates	**220**	**243**	**44**	**54**	**236**	**44**	**3**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**										
			32	2	9		16	57					
			>32	2									
			64		11		14	38					
			>64		9		3						
			128					9					
			>128					1					

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	243	243	243	243	243	243	243	243
				N of resistant isolates	0	243	5	243	236	35	178	0
Not Available	Not Available	Not Available	<=0.015								61	
			0.03								2	
			0.064								2	
			0.125								22	
			<=0.25						1			
			0.25								83	
			0.5						6		26	
			<=1									243
			1					1	10		7	
			<=2				28					
			2					20	3		4	
			<=4		231							
			4				162	68	16		9	
			>4					154				
			<=8							206		
			8		12		42		33		16	
			>8						174		11	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**243**	**243**	**243**	**243**	**243**	**243**	**243**	**243**
				N of resistant isolates	**0**	**243**	**5**	**243**	**236**	**35**	**178**	**0**
Not Available	Not Available	Not Available	16				6			2		
			32			1	3			11		
			>32			242						
			64				2			13		
			>64							11		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**243**	**243**	**243**	**243**	**243**	**243**	**243**
				N of resistant isolates	**20**	**0**	**88**	**99**	**92**	**0**	**75**
Not Available	Not Available	Not Available	<=0.03			243					
			<=0.25							242	123
			<=0.5		143						
			0.5							1	44
			1		71						1
			<=2						150		
			2		9						
			<=4				94				
			4		1				1		
			<=8					95			
			8				61				
			16		6		16	46	2		
			>16		13						75
			32				3	3	18		
			>32						72		
			64				5				
			>64				64				
			512					1			
			>512					98			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Argentina

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**8**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**1**	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**										
			<=0.015							1			
			<=0.03									1	
			0.125	1									
			0.25								1		
			4		1	1		1	1				1
			32				1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts | Sampling Type: food sample - meat | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Argentina

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**1**	**0**	**1**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=1									1
			<=4	1								
			4				1	1	1			
			<=8							1		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	1
			1		1						
			<=2						1		
			<=4				1				
			16					1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Argentina

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**8**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
			N of resistant isolates	**0**	**1**	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**										
			<=0.03									1	
			0.03							1			
			0.125	1									
			0.25								1		
			4		1			1	1				1
			8			1							
			32				1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts | Sampling Type: food sample - meat | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: ESBL MON

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Argentina

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**1**	**0**	**1**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								1	
			<=1									1
			<=4	1								
			4				1	1				
			<=8							1		
			8						1			
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			1					
			<=0.25							1	1
			1		1						
			<=2						1		
			<=4				1				
			<=8					1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Brazil

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
				ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
				Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
				Highest limit	32	64	64	64	8 128	128	2	16	16	128
				N of tested isolates	11	11	11	11	11 11	11	11	11	11	11
				N of resistant isolates	11	11	2	2	9 9	2	0	0	0	0
Not Available	Not Available	Not Available	<=0.015								6			
			<=0.03										11	
			0.03								2			
			<=0.064				9							
			0.064								3			
			<=0.125							7		7		
			0.25							2		3		
			0.5		1				2			1		
			2						1					
			4		2		1	7	2	2				3
			8		2	1		2	5					6

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim		Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**		**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**		**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**8**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
			N of resistant isolates	**11**	**11**	**2**	**2**	**9**	**9**	**2**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**											
			16	2	1	1			1					2
			32	1	2		1							
			>32	3										
			64		1		1							
			>64		6									

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts | Sampling Type: food sample - meat | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Brazil

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	41	41	41	41	41	41	41	41
				N of resistant isolates	0	22	2	11	11	6	20	0
Not Available	Not Available	Not Available	<=0.015								19	
			0.03								2	
			0.125								1	
			<=0.25					30	28			
			0.25								6	
			0.5						2		6	
			<=1									41
			1						1		1	
			<=2				7					
			2			3			1		1	
			<=4		39							
			4			12	24		2		1	
			>4					11				
			<=8							35		
			8		2	4	7		5		4	
			>8						2			

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**
				N of resistant isolates	**0**	**22**	**2**	**11**	**11**	**6**	**20**	**0**
Not Available	Not Available	Not Available	16				1					
			32				1			3		
			>32			22						
			64				1			1		
			>64							2		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**41**	**41**	**41**	**41**	**41**	**41**	**41**
Not Available	Not Available	Not Available		**N of resistant isolates**	**7**	**0**	**19**	**16**	**16**	**0**	**11**
			<=0.03			41					
			<=0.25							40	15
			<=0.5		24						
			0.5							1	13
			1		9						1
			<=2						24		
			2		1						1
			<=4				21				
			4						1		
			<=8					9			
			8				1				
			16				6	12			
			>16		7						11
			32					4	2		
			>32						14		
			>64				13				
			>512					16			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Brazil

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim		Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5		0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25		0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	8	128	128	2	16	16	128
			N of tested isolates	52	52	52	52	52	52	52	52	52	52	52
			N of resistant isolates	52	52	5	6	50	50	5	1	0	0	0
Not Available	Not Available	Not Available	MIC											
			<=0.015								32			
			<=0.03										51	
			0.03								14			
			<=0.064			45								
			0.064								5		1	
			<=0.125							32		22		
			0.125			2				3	1	2		
			0.25	3						11		28		
			0.5					2		1				
			1					8						
			2	1			3	4						
			4	3	2	3	24	11		3				16
			8	12	1	2	19	23		2				30

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim		Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5		0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25		0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	8	128	128	2	16	16	128
			N of tested isolates	52	52	52	52	52	52	52	52	52	52	52
			N of resistant isolates	52	52	5	6	50	50	5	1	0	0	0
Not Available	Not Available	Not Available	MIC											
			16	11	5		1		3					6
			32	9	5		1		1					
			>32	13										
			64		12		4							
			>64		27									

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:Brazil

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	52	52	52	52	52	52	52	52
				N of resistant isolates	0	52	1	52	51	11	36	0
Not Available	Not Available	Not Available	<=0.015								13	
			0.03								2	
			0.064								1	
			0.125								3	
			0.25								6	
			0.5						1		9	
			<=1									51
			1						9		3	
			<=2				8					
			2						5		2	1
			<=4		51							
			4				32	1	12		2	
			>4					51				
			<=8							39		
			8		1		11		21		7	
			>8						4		4	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**52**	**52**	**52**	**52**	**52**	**52**	**52**	**52**
				N of resistant isolates	**0**	**52**	**1**	**52**	**51**	**11**	**36**	**0**
Not Available	Not Available	Not Available	16							2		
			32				1			4		
			>32			52						
			64							1		
			>64							6		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**52**	**52**	**52**	**52**	**52**	**52**	**52**
Not Available	Not Available	Not Available		**N of resistant isolates**	**13**	**0**	**32**	**26**	**20**	**1**	**16**
			<=0.03			49					
			0.064			3					
			<=0.25							48	20
			<=0.5		30						
			0.5							3	13
			1		9						2
			<=2						31		
			2							1	1
			<=4				17				
			4		1				1		
			<=8					12			
			8		1		3				
			16		3		4	12			1
			>16		8						15
			32				2	2	4		
			>32						16		
			64				2				
			>64				24				
			>512					26			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh - frozen

Sampling Stage: Border Control Posts | Sampling Type: food sample - meat | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON

Analytical Method: Macromethod broth dilution and plates incubation (Dilution - broth on agar plates)

Country Of Origin:United Kingdom

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
				N of resistant isolates	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.015								11	
			<=0.25					11	11			
			<=1		1							11
			<=2				1					
			2		2							
			<=4	11								
			4		6		7					
			<=8							11		
			8				3					
			>32		2							

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**11**	**11**	**11**	**11**	**11**	**11**	**11**
				N of resistant isolates	**1**	**0**	**0**	**1**	**0**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03			11					
			<=0.25							10	8
			<=0.5		6						
			0.5							1	3
			1		4						
			<=2						10		
			<=4				11				
			4						1		
			<=8					2			
			16					8			
			>16		1						
			>512					1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
			N of resistant isolates	**1**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	**MIC**										
			<=0.015							2			
			<=0.03									2	
			<=0.064			2							
			<=0.125						2		2		
			0.125	1									
			2		1		1						1
			4	1			1	2					1
			64		1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	170	170	170	170	170	170	170	170
				N of resistant isolates	0	110	1	2	2	17	74	0
Not Available	Not Available	Not Available	<=0.015								94	
			0.03								1	
			0.064								1	
			0.125								12	
			<=0.25					168	162			
			0.25								32	
			0.5						6		10	
			<=1			5						169
			1								1	
			<=2				47					
			2			31		1			1	1
			<=4		168							
			4			23	95		2		1	
			>4					1				
			<=8							146		
			8		2	1	25				10	
			>8								7	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**
				N of resistant isolates	**0**	**110**	**1**	**2**	**2**	**17**	**74**	**0**
Not Available	Not Available	Not Available	16				2			7		
			32			1	1			4		
			>32			109						
			64							1		
			>64							12		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**
				N of resistant isolates	**3**	**0**	**37**	**38**	**84**	**0**	**44**
Not Available	Not Available	Not Available		<=0.03		170					
				<=0.25						164	96
				<=0.5	128						
				0.5						6	30
				1	37						
				<=2					84		
				2	2						
				<=4			110				
				<=8				64			
				8			23		2		
				16	1		9	58			
				>16	2						44
				32			1	10	3		
				>32					81		
				64			4				
				>64			23				
				>512				38			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	128
			N of tested isolates	250	250	250	250	250	250	250	250	250	250
			N of resistant isolates	248	250	4	8	244	6	0	0	0	1
Not Available	Not Available	Not Available	MIC										
			<=0.015							232			
			<=0.03									246	
			0.03							15			
			<=0.064	1		239							
			0.064							3		4	
			<=0.125						211		119		
			0.125	1		6							
			<=0.25					3					
			0.25	29		1			30		130		
			<=0.5				1						
			0.5	108				3	3		1		
			1	60	2		5	7					
			2	18	30	2	89	2	1				16
			4	12	71		117	9	2				111
			8	6	75	2	30	29	1				101

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF		**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit		**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit		**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates		**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**
			N of resistant isolates		**248**	**250**	**4**	**8**	**244**	**6**	**0**	**0**	**0**	**1**
Not Available	Not Available	Not Available	16		7	37		4	77	1				21
			32		2	12		2	88	1				1
			>32		6									
			64			6		2	31					
			>64			17								
			128						1					

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	250	250	250	250	250	250	250	250
Not Available	Not Available	Not Available		N of resistant isolates	1	250	3	250	248	78	183	0
			<=0.015								65	
			0.03								1	
			0.064								1	
			0.125								19	
			0.25								47	
			0.5						2		68	
			<=1									250
			1					1	7		15	
			<=2				59					
			2					29	3		1	
			<=4		237							
			4				117	81	9		2	
			>4					139				
			<=8							163		
			8		12		66		40		13	
			>8						189		18	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**
				N of resistant isolates	**1**	**250**	**3**	**250**	**248**	**78**	**183**	**0**
Not Available	Not Available	Not Available	16		1		5			9		
			32			2	1			12		
			>32			248						
			64				2			25		
			>64							41		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**250**	**250**	**250**	**250**	**250**	**250**	**250**
Not Available	Not Available	Not Available		**N of resistant isolates**	**9**	**0**	**83**	**126**	**159**	**0**	**46**
			<=0.03			248					
			0.064			2					
			<=0.25							244	166
			<=0.5		154						
			0.5							6	35
			1		79						3
			<=2						88		
			2		8						
			<=4				94				
			4		1				2		
			<=8					80			
			8				73		1		
			16		2		33	30			1
			>16		6						45
			32				1	14	23		
			>32						136		
			64				3				
			>64				46				
			512					2			
			>512					124			

OTHER ANTIMICROBIAL RESISTANCE TABLES

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**
MIC	**N of resistant isolates**	**0**	**1**	**3**	**0**	**34**	**0**	**0**	**74**	**0**	**60**	**0**	**0**
<=0.03												7	
0.064												24	
<=0.125				1									
0.125												36	
<=0.25					2								
0.25				3								13	
<=0.5		20						1	3	79			
0.5				32	6								
<=1						27					19		70
1		48		36	39			36	3				
2		12		4	32	16		43	3	1	1		7
<=4			44										
4				1	1	3			6				3

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**	**80**
MIC	**N of resistant isolates**	**0**	**1**	**3**	**0**	**34**	**0**	**0**	**74**	**0**	**60**	**0**	**0**
<=8							55						
8			35			2			44				
16				2		1	25		18				
>16				1									
32						4			2		10		
64						2			1		21		
128			1			1					28		
>128						24					1		

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**
MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**75**	**0**	**0**	**117**	**0**	**99**	**0**	**0**
<=0.03												12	
0.064												32	
<=0.125				3									
0.125												61	
<=0.25					3								
0.25				13								14	
<=0.5		35						17	1	119			
0.5				41	4								
<=1						23					20		74
1		68		48	72			49	1				
2		14		9	32	18		53					37
<=4			49										
4		2		5	8	3			7				8
<=8							83						
8			67			2			55				
16						4	34		49		1		

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**	**119**
MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**75**	**0**	**0**	**117**	**0**	**99**	**0**	**0**
32			2			4	2		6		7		
64			1			2					18		
128						2					72		
>128						61					1		

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**8**	**4**	**32**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**
MIC	**N of resistant isolates**	**3**	**1**	**5**	**0**	**43**	**1**	**0**	**73**	**0**	**54**	**0**	**0**
<=0.03												26	
0.064												29	
<=0.125				1									
0.125												32	
<=0.25					2								
0.25												3	
<=0.5		21						3	5	90			
0.5				2	2								
<=1						39					36		84
1		24		18	16			19	12				
2		17		25	41	6		68	13				5
<=4			56										
4		25		39	27	2			48				1
<=8							84						
8		3	26	4	2	8			10		1		
16			6	1		4	5		1				

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**8**	**4**	**32**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**	**90**
MIC	**N of resistant isolates**	**3**	**1**	**5**	**0**	**43**	**1**	**0**	**73**	**0**	**54**	**0**	**0**
32			1			1			1		3		
64			1			2					15		
128											34		
>128						28					1		
>1024							1						

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**8**	**4**	**32**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**
MIC	**N of resistant isolates**	**3**	**0**	**3**	**0**	**12**	**1**	**0**	**30**	**0**	**32**	**0**	**0**
<=0.03												12	
0.064												21	
0.125												16	
0.25												2	
<=0.5		5						1	9	50			
<=1						25					19		42
1		20		4	1			2	12	1			
2		19		21	29	10		48	7				5
<=4			27										
4		4		23	19	4			12				4
<=8							41						
8		1	8	3	2	2			7		1		
16			16				8		4				
32						1	1				1		
64		2									11		
128											16		

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**8**	**4**	**32**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**	**51**
MIC	**N of resistant isolates**	**3**	**0**	**3**	**0**	**12**	**1**	**0**	**30**	**0**	**32**	**0**	**0**
>128						9					3		
512							1						

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected

Programme Code	Matrix Detailed	Zoonotic Agent Detailed	Sampling Strategy	Sampling Stage	Sampling Details	Sampling Context	Sampler	Sample Type	Sampling Unit Type	Sample Origin	Comment	Total Units Tested	Total Units Positive
CARBAMON	Gallus gallus (fowl) - broilers	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring	Official sampling	animal sample - caecum	slaughter animal batch	Spain	N_A	557	0
	Meat from broilers (Gallus gallus) - fresh - chilled	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Retail	N_A	Monitoring - EFSA specifications	Official sampling	food sample - meat	single (food/feed)	Spain	N_A	508	0
	Meat from broilers (Gallus gallus) - fresh - frozen	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Argentina	N_A	37	0
										Brazil	N_A	1,147	0
										United Kingdom	N_A	185	0
	Meat from turkey - fresh - chilled	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Retail	N_A	Monitoring - EFSA specifications	Official sampling	food sample - meat	single (food/feed)	Spain	N_A	150	0
	Turkeys - fattening flocks	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring	Official sampling	animal sample - caecum	slaughter animal batch	Spain	N_A	540	0

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected

Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	26-Feb-2026
Esbl	21-Jul-2025
Disease Status	18-Jul-2025
Food Borne Outbreaks	21-Jul-2025
Prevalence	21-Jul-2025

ZOONOSES MONITORING

SPAIN

TEXT FORMS FOR THE TRENDS AND SOURCES OF ZOONOSES AND ZOONOTIC AGENTS IN FOODSTUFFS, ANIMALS AND FEEDINGSTUFFS

including information on foodborne outbreaks, antimicrobial resistance in zoonotic and indicator bacteria and some pathogenic microbiological agents

IN 2024

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1. Institutions and Laboratories involved in Zoonoses monitoring and reporting[1]

Spanish Ministry of Agriculture, Fisheries and Food (**MAPA)**, through the Subdirectorate General for Animal Health, Hygiene and Traceability and the Subdirectorate of Means of Livestock Production is the central competent authority for the monitoring and reporting zoonoses in primary production.

Spanish Ministry of Health (**MS**), through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting zoonoses in imported food and responsible for the samples obtained from the BCP's. In addition, the CCAES (Centro de Coordinación de Alertas y Emergencias Sanitarias) is the Unit responsible for the monitoring and surveillance of human cases and food-borne outbreaks.

Spanish Agency of Food Safety and Nutrition (**AESAN**), through the Sub-directorate General for Official Control and Alerts, is the central competent authority for the monitoring and reporting zoonoses in food.

ISCIII, through the National Centre of Epidemiology, is the central authority responsible for management of surveillance of human cases and food-borne outbreaks.

The **Central Veterinary Laboratory** (CVL) and the **Central Animal Health Laboratory** of MAPA are the National Reference Laboratories (NRLs) for zoonoses in primary production.

The **Autonomous Communities** through their human and animal health services.

The **Santander Foreign Health Laboratory** and the **Vigo Foreign Health Laboratory** of Spanish Ministry of Health are the main laboratories for zoonoses in imported food. Nevertheless, they are supported by several designated Official Laboratories, public and private, located all through national territory, which performs different analysis when needed.

[1] A short description of the institutions and laboratories involved in data collection and reporting should be provided.

2. Animal population

2.1. Sources of information and the date(s) (months, years) the information relates to[2]

REGA (National Register for Livestock Holdings) was the source for the total number of holdings and animals in all species. The figures have been reported via SIGMA and they were taken in April/24/2025 providing census data from December/31/2024.

2.2. Definitions used for different types of animals, herds, flocks and holdings as well as the production types covered[3]

Holding' in REGA means 'Whatever place where farming animals are'. They are classified in breeding and production holdings and special holdings (such as markets, slaughterhouses, quarantine centres…).

The specific definitions adopted by REGA for different types of holdings are those fixed in EU or Spanish Regulations.

- **Calves for slaughter**: Bovine animals less than 1 year old for slaughter as calves.
- **Calves**: Domestic animals of the bovine species, of not more than 300 kg live weight and not yet having permanent teeth.
- **Heifers**: Female bovines more than 1 year old that have not yet calved.
- **Heifers for breeding purposes**: Heifers raised for breeding and intended to replace dairy cows.
- **Cows**: Female bovines that have calved.
- **Dairy cows**: Cows kept exclusively or principally for the production of milk for human consumption and/or dairy produce.
- **Meat production animals**: bovine animals, other than calves, kept exclusively for the production of meat and including cows, heifers and bulls.
- **Sheep**: Domestic animals of the species Ovis.
- **Ewes and ewe lambs put to the ram**: Females of the ovine species which have already lambed at least once as well as those which have been put to the ram for the first time.
- **Milk ewes**: Ewes which are kept exclusively or principally to produce milk for human consumption and/or for processing into dairy products. This includes cast milk sheep (whether fattened or not between their last lactation and slaughtering).
- **Other ewes**: Ewes other than milk ewes; to be included in meat production animals.
- **Lambs**: Male or female sheep under 12 months old.

[2] Describe the source of the reported numbers and figures: e.g. the national identification and registration database and/or official statistics, institutions involve (Eurostat, others). The dates or time period for which the information is reported should be specified: e.g. the number of animals reported are obtained from a census count at the end of the year; the number of animals reported is an average taken at a certain time point of the year or over a period of the year; the number slaughtered animals per year, etc.

[3] Provide clear definitions for the different types of animals as well as for herds/flocks/holdings and, where relevant, the type of production involved.

- **Goats**: domestic animals of the species Capra.
- **Pigs**: Domestic animals of the species Sus.

2.3. National changes of the numbers of susceptible population and trends[4]

https://www.mapa.gob.es/es/ganaderia/temas/trazabilidad-animal/sitran/

2.4. Geographical distribution and size distribution of the herds, flocks and holdings[5]

https://www.mapa.gob.es/es/ganaderia/temas/trazabilidad-animal/sitran/

2.5. Additional information[6]

[4] Provide the description of the national temporal trends (the last five years) in the number of herds/flocks/animals and, where possible, by production type.
[5] Provide the description of the national geographical distributions/trends in the number of herds/flocks/animals and, where possible, by production type: e.g. if available, a link to websites with national density maps (animal level and/or herd/flock level); tables with the number of herds and flocks by geographical area.
[6] Include any other relevant information.

3. General evaluation: *Brucella*

3.1. History of the disease and/or infection in the country[7]

Sanitary importance of brucellosis has been based in the spread of the disease to humans. At the moment, brucellosis is still the main direct transmission zoonoses in the world, mainly linked to Brucella melitensis. The more frequent source of infection for human beings has been contacts with goats and sheep, but raw milk products consumption has had historical importance as well. Nowadays brucellosis is considered as a professional disease. At human level, the surveillance of the disease is included in the National Epidemiological Surveillance Network, created according to Royal Decree 2210/1995 and updated according to the Ministerial Order SSI/445/2015. In Spain, milk control was carried out at council town's level since 1908. At the moment, milk control and control of fresh meat production is carried out by Autonomous Communities according to the European legislation in force (Hygiene Package). Monitoring and Eradication Programmes in cattle, goats and sheep did not start systematically until beginning of 90's. Before, human cases had the highest incidence in last thirty years, with around 8500 cases in middle 80s.The systematic application of national programmes has resulted in a continuous decrease of the disease until 2021 and 2022, when the disease has been eradicated from small ruminants and bovines, respectively.

3.2. Evaluation of status, trends and relevance as a source for humans[8]

Spanish Programmes for eradication and monitoring of Brucellosis in cattle, goats and sheep show the continuous decreasing trend of the disease prevalence in domestic animals, until eradication was achieved by 2021 and 2022. Raw milk only can be consumed if produced in herds free or officially free.

3.3. Any recent specific action in the Member State or suggested for the European Union[9]

Spanish Programme on surveillance of bovine brucellosis 2022-2030.

Spanish Programme on surveillance of brucellosis in goats and sheep 2022-2030.

Milk control and control of the production of fresh meat in accordance with European legislation in force (Hygiene Package).

Furthermore, the Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the Community rules concerning hygiene subjects, as well as foodstuff's production and commercialisation, establishes specific conditions regarding to milk and dairy milk.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production,

[7] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[8] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[9] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

3.4. Additional information

Spanish legislation on Brucellosis in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

4. Description of Monitoring/Surveillance/Control programmes system: *Brucella* in Bovine animals

4.1. Monitoring/Surveillance/Control programmes system[10]

SAMPLING SCHEME

Sampling strategy

Sampling strategy is defined in Spanish Programme for Surveillance of Bovine Brucellosis, covering cattle according to Regulation (EU) 689/2020 (animals over 12 months of age). Test are carried out by competent authorities of Autonomous Communities. At slaughterhouses, samples are taken in suspicious animals, mainly in positive animals coming from disease-free status herds (suspended status) to confirm the disease.

Frequency of the sampling

Sampling according to Section 2 of Chapter 3 of Part I of Annex IV to Delegated Regulation (EU) 2020/689.

Type of specimen taken

Serum, blood, milk, organs/tissues, swabs

Methods of sampling (description of sampling techniques)

In animals over one year of age Rose Bengal as screening test or i-ELISA in milk; and Complement Fixation test or i-ELISA in serum as confirmatory test. As complementary test competition ELISA has been used as well. At slaughterhouses swabs, organs and tissues are taken in suspicious animals, mainly from herds with disease-free status suspended, to isolate Brucella and confirm the infection.

TESTING SCHEME

Case definition

Brucella abortus, *B. melitensis* or *B. suis* isolation.

[10] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission's website. For bovine brucellosis, it is important to report the sample type (because not included in the data model) which could be serum for serological test (RBT, CFT), abortion material, vaginal discharges, milk, lymph nodes or other tissue analysed for the identification of the agent. In addition, For Member States with non-disease-free status from infection with *Brucella abortus*, *B. melitensis* and *B. suis*, a description of the eradication or surveillance system is to be provided.

Diagnostic/analytical methods used

Rose Bengal test, agent isolation, serum i-ELISA, milk i-ELISA, c-ELISA and Complement Fixation test, following criteria laying down by EURLAB protocols.

4.2. Measures in place[11]

Vaccination policy

Forbidden.

Other preventive measures than vaccination in place

Pre-movement test. Cleaning and disinfecting of positive holdings. Control of common grazing areas. Investigation of possible wildlife reservoirs in some regions. Epidemiological investigations in breakdowns. Inspections and official control of field veterinarians. Inspections of restricted holdings.

Control program/mechanisms

The control program/strategies in place in Spain is a Surveillance Programme. Legal basis of the programme are Delegated Regulation (EU) 2020/689 and Royal Decree 2611/1996, at last amended.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programavigilanciabb2023-2030_tcm30-639975.pdf

Recent actions taken to control the zoonoses

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programavigilanciabb2023-2030_tcm30-639975.pdf

More frequent testing and pre-movement test. Compulsory slaughter of all animals in herds if infection is confirmed. Research into other test methodologies. Reinforce over herd registers at farm level. Epidemiological studies.

[11] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation The control programmes may be national or regional, and they may be approved nationally or by the Commission based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included when relevant. It is of particular interest to describe whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

Suggestions to the European Union for the actions to be taken

Research into other test methodologies and improve existing ones.

Measures in case of the positive findings or single cases

Confirmation of the infection by complement fixation test and culture, and if isolation of Brucella abortus is confirmed, depopulation.

4.3. Notification system in place to the national competent authority[12]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003. Nowadays, in accordance with the provisions of Law 8/2003 on Animal Health and Royal Decree 779/2023, which establishes the list of notifiable animal diseases and establishes the regulations for their reporting. Brucellosis is a notifiable disease in Spain. Additionnally, infection of *B. abortus, B. mellitensis and B. sui*s is a listed disease with mandatory notification and reporting according to Regulation (EU) 2016/429 on transmissible animal diseases (Animal Health Law) and its delegated and implementing acts.

4.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[13]

Results of the investigation

See table

National evaluation of the recent situation, the trends and sources of infection

Data obtained by the implementation of Spanish Surveillance Programme on Bovine Brucellosis show that the target for the maintainance OBF status of the disease in 2024 has been achieved. In conclusion, milk consumption cannot be considered as a current source of infection in Spain, even more if it is assumed that almost all the cow milk is thermally treated.

4.5. Additional information

Status as officially free of bovine brucellosis during the reporting year: Free regions

All the country.

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection).

[12] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[13] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

5. Description of Monitoring/Surveillance/Control programmes system: *Brucella* in small ruminants

5.1. Monitoring/Surveillance/Control programmes system[14]

MONITORING SYSTEM

Sampling strategy

Sampling strategy is defined in Spanish Programme on surveillance of brucellosis in sheep and goats, according to Delegated Regulation (EU) 2020/689: animals over 6 months of age. Tests are carried out by competent authorities of Autonomous Communities. At slaughterhouse samples are taken in suspicious animals, mainly in positive animals coming from free or officially free herds (suspended status) to confirm de disease.

Frequency of the sampling

According to Section 2 of Chapter 4 of Part I of Annex IV to Delegated Regulation (EU) 2020/689.

Type of specimen taken

Serum, blood, milk, organs/tissues

Methods of sampling (description of sampling techniques)

At herd level, in animals over 6 months of age Rose Bengal as screening test and Complement Fixation as confirmatory test. At slaughterhouses or at holdings, swabs, milk, organs or tissues are taken in suspicious animals, mainly from herds with free or officially free status suspended, to isolate Brucella and confirm the infection.

Case definition

Brucella abortus, *B. melitensis* or *B. suis* isolation.

[14] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission's website. For small ruminants brucellosis, it is important to report the sample type (because not included in the data model) which could be serum for serological test (RBT, CFT), abortion material, vaginal discharges, milk, lymph nodes or other tissue analysed for the identification of the agent. In addition, For Member States with non-disease-free status from infection with *Brucella abortus*, *B. melitensis* and *B. suis*, a description of the eradication or surveillance system is to be provided.

Diagnostic/analytical methods used

Rose Bengal test, agent isolation, Complement Fixation test following criteria laying down by EURLAB protocols.

5.2. Measures in place[15]

Vaccination policy

Prohibited.

Other preventive measures than vaccination in place

Pre-movement test in transhumance in certain areas. Cleaning and disinfecting of positive holdings. Control of common grazing areas. Epidemiological investigations if breakdowns. Inspections and official control of the field veterinarians

Control program/mechanisms

Spain has a Surveillance Programme. Legal basis of the programme measures is Delegated Regulation (EU) 2020/689

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programavigilanciaboc2023-2030_tcm30-639976.pdf

Recent actions taken to control the zoonoses

- Compulsory slaughter of all animals in confirmed herds.
- Research in other test methodologies. Reinforce over herd register at farm level. Epidemiological studies

Measures in case of the positive findings or single cases

If isolation of Brucella abortus or melitensis: depopulation.

[15] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included when relevant. It is of particular interest to describe whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

5.3. Notification system in place to the national competent authority[16]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003. Nowadays, in accordance with the provisions of Law 8/2003 on Animal Health and Royal Decree 779/2023, which establishes the list of notifiable animal diseases and establishes the regulations for their reporting. Brucellosis is a notifiable disease in Spain. Additionnally, infection of *B. abortus, B. mellitensis and B. sui*s is a listed disease with mandatory notification and reporting according to Regulation (EU) 2016/429 on transmissible animal diseases (Animal Health Law) and its delegated and implementing acts.

5.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[17]

Results of the investigation

See table

National evaluation of the recent situation, the trends and sources of infection

The implementation of Spanish Surveillance Programme of Brucellosis in Sheep and Goats allowed to maintain OBF status of the disease in 2024i.

5.5. Additional information[18]

Status as officially free of ovine brucellosis during the reporting year

Whole territory of Spain

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)

[16] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[17] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

6. Description of Monitoring/Surveillance/Control programmes system: *Brucella* in foodstuff

6.1. Monitoring/Surveillance/Control programmes system[19]

The control of Brucella is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

6.2. Measures in place[20]

Official controls performed by regional health authorities in every Autonomous Community.

6.3. Notification system in place to the national competent authority[21]

Yes. Please refer to Prevalence Tables.

[19] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission's website. For small ruminants brucellosis, it is important to report the sample type (because not included in the data model) which could be serum for serological test (RBT, CFT), abortion material, vaginal discharges, milk, lymph nodes or other tissue analysed for the identification of the agent. In addition, For Member States with non-disease-free status from infection with *Brucella abortus*, *B. melitensis* and *B. suis*, a description of the eradication or surveillance system is to be provided.

[20] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included when relevant. It is of particular interest to describe whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

[21] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

6.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[22]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

6.5. Additional information[23]

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Brucella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

[22] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

7. General evaluation: *Campylobacter*

7.1. History of the disease and/or infection in the country[24]

Campylobacter spp. is, at the moment, the most frequent reported gastrointestinal disease in humans. Poultry are the main reservoir, and infection happens usually by consumption of poultry meat. Until the end of the 60's the importance of *Campylobacter* spp. was not valued. Epidemiology investigations show an association of cases to poultry meat consumption.

7.2. Evaluation of status, trends and relevance as a source for humans[25]

Poultry meat is the main source of infection. Other food implicated are red meat, raw milk, non-pasteurized cheese and water.

7.3. Any recent specific action in the Member State or suggested for the European Union[26]

Monitoring of the zoonoses according to Council Directive 2003/99/EEC.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Campilobacteriosis is a mandatory disease in Spain, since 2015, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

7.4. Additional information

Spanish legislation on Campylobacter in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

[24] Provide the description of history of the infection, stating whether the infection is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[25] Provide the epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, animal).

[26] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

8. Description of Monitoring/Surveillance/Control programmes system: *Campylobacter* in foodstuff

8.1. Monitoring/Surveillance/Control programmes system[27]

The control of Campylobacter is undergone in all foodstuffs and at all steps of the food chain by official control of regional health authorities according to Article 14 of Regulation (EC) Nº 178/2002 of January 28, 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

In addition, the MS, thorough the Sub directorate of Foreign Health, is responsible for the monitoring and surveillance of Campylobacter in imported foodstuff.

8.2. Measures in place[28]

Official controls performed by regional health authorities in every Autonomous Community.

Objective surveillance in imported food is performed by the BCP's personal, coordinated by the MS, Sub directorate of Foreign Health.

8.3. Notification system in place to the national competent authority[29]

Yes. Please refer to Prevalence Tables

8.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[30]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

[27] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[28] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission and co-financed by the EU, based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[29] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[30] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

8.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation

Spanish legislation on Campylobacter in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

9. Description of Monitoring/Surveillance/Control programmes system: *Campylobacter* in turkeys

9.1. Monitoring/Surveillance/Control programmes system[31]

Monitoring system and Frequency of the sampling

Caecal samples of 10 animals by slaughter batch and by slaughterhouse and day of sampling, randomly selected. Each batch belonged to different flocks. Sampling has been performed at 7 slaughterhouses representing an important part of all the fattening turkeys sacrificed in Spain (80,66% in 2024). A total of 540 slaughter batches were taken in 2024. Samples were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Type of specimen taken

Caecal content.

Methods of sampling (description of sampling techniques)

2 faecal material samples by slaughter batch and by holding.

Caecum samples were taken, they were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Case definition

A slaughter batch is considered as positive if isolation by bacteriological method and PCR identification.

Diagnostic/analytical methods used

Isolation in agar mCCDA (Oxoid) and agar Campyfood (bioMerieux) and identification by PCR multiplex.

The monitoring programme will be implemented each 2 years.

9.2. Measures in place[32]

[31] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[32] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the

9.3. Notification system in place to the national competent authority[33]

9.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[34]

Slaughter batch prevalence in 2024 was 76,1% *Campylobacter* spp. (*C. coli* 28,9%, *C. jejuni* 33,7% and *C. jejuni* + *C. coli* 13,5%)

9.5. Additional information

recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission and co-financed by the EU, based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[33] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[34] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

10. Description of Monitoring/Surveillance/Control programmes system: *Campylobacter* in broilers

10.1. Monitoring/Surveillance/Control programmes system[35]

SAMPLING STRATEGY

Frequency of the sampling

Caecal samples of 10 animals by slaughter batch and by slaughterhouse and day of sampling, randomly selected. Each batch belonged to different flocks. Sampling has been performed at 21 slaughterhouses representing an important part of all the broilers sacrificed in Spain (68,01% in 2024). A total of 557 slaughter batches were taken in 2024. Samples were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Type of specimen taken

Caecal content

Methods of sampling (description of sampling techniques)

2 faecal material samples by slaughter batch and by holding.

Caecum samples were taken, they were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Case definition

A slaughter batch is considered as positive if isolation by bacteriological method and PCR identification.

Diagnostic/analytical methods used

Isolation in agar mCCDA (Oxoid) and agar Campyfood(bioMerieux) and identification by PCR multiplex.

Monitoring is performed every 2 years.

[35] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

10.2. Measures in place[36]

10.3. Notification system in place to the national competent authority[37]

10.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[38]

Slaughter batch prevalence in 2024 was 64,3% *Campylobacter* spp. (*C. coli* 15,4%, *C. jejuni* 39,9% and *C. jejuni* + *C. coli* 9,0%).

10.5. Additional information

[36] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission and co-financed by the EU, based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[37] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[38] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

11. General evaluation: *Echinococcus*

11.1. History of the disease and/or infection in the country[39]

In the 80s, many regions started to set up a control programme based on the control of animal echinococcosis and in general people health education, focused in professionals related with animals and at school level. Similar control programmes have been developed in other Autonomous Communities. The implementation of these control programmes got good results in the decrease of the incidence of the disease. Routine post-mortem examination at slaughterhouse has been carried out according to European legislation in force (Hygiene Package).

E. multilocularis have not been reported in Spain in animals nor in humans.

11.2. Evaluation of status, trends and relevance as a source for humans[40]

Control programmes in endemic regions got good results in the decrease of the disease at human level. The main source of infection in Spain is the cycle between sheep, dog and humans. The epidemiological surveillance of human CE was initiated in the 1950s by the provincial health government authorities, through an active search of cases with individualized information.

11.3. Any recent specific action in the Member State or suggested for the European Union[41]

Human echinococcosis was a notifiable disease in some Spanish regions, according to Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network. Since 2015 it is a mandatory disease in all the Spanish regions according to the Ministerial Order SSI/445/2015.

Surveillance according to Directive 2003/99/EEC.

Control programmes in endemic regions.

Inclusion in National Epidemiology Surveillance Network according to Royal Decree 2210/1995.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

[39] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[40] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant animals.

[41] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

11.4. Additional information

Spanish legislation on Echinococcus in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

12. Description of Monitoring/Surveillance/Control programmes system: *Echinococcus multilocularis*

12.1. Monitoring/Surveillance/Control programmes system[42]

Target population

Foxes and wolves.

Sampling strategy

Foxes: according to the number of captures. The sampling will be distributed among the 12 months of the year, nevertheless most of the samples will be taken in the hunting season, and the rest of the year may be completed with samples obtained from road-killed animals, or from game recovery centres or from other activities.

Wolves: continuous sampling of hunted specimens and other possibilities such as roadkills or recovery centres.

Type of specimen taken

Guts or faeces.

Diagnostic/analytical methods used

Sedimentation and enumeration; PCR.

Regulation

- COMMISSION DELEGATED REGULATION (EU) 2018/772 of 21 November 2017 supplementing Regulation (EU) No 576/2013 of the European Parliament and of the Council with regard to preventive health measures for the control of Echinococcus multilocularis infection in dogs, and repealing Delegated Regulation (EU) No 1152/2011.

[42] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. Include the monitoring schemes/surveillance strategies for *E. multilocularis* separately in *Canidae* definitive hosts especially in foxes and raccoon dogs (by using molecular test methods on parasitic material in faeces or intestine content, or a direct parasitological test for the morphological identification of worms in the gut) and in intermediate hosts especially wildlife such as voles, musk rats and other rodents (by morphological examination at necropsy or molecular tests). Differentiation of the regions according to the status (endemic, emerging, free), if available. If programme is approved by the EC, please provide link to the specific programme in the Commission's website.

12.2. Measures in place[43]

Surveillance in wild definitive hosts.

Post-mortem inspection of extensively reared pigs, based on looking for specific lesions (cysts) caused by the parasite

Collaboration of all administrations and sectors related to hunting and conservation of these species.

12.3. Notification system in place to the national competent authority[44]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, and Royal Decree 1940/2004.

12.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[45]

E. multilocularis have not been reported in Spain in animals nor in humans.

12.5. Additional information

[43] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission and co-financed by the EU, based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[44] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[45] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection).

13. Description of Monitoring/Surveillance/Control programmes system: *Echinococcus granulosus sensu lato*

13.1. Monitoring/Surveillance/Control programmes system[46]

The control of Echinococcus is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Additionally, in Spain, the control of Echinococcus in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

13.2. Measures in place[47]

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

[46] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. Include the monitoring schemes/surveillance strategies for *E. granulosus s.l.* separately in *Canidae* definite hosts such as domestic and stray dogs (by molecular test methods on parasitic material in faeces or intestine content, or a direct parasitological test for the morphological identification of worms in the gut) and livestock intermediate hosts or more, generally ungulates, (by detection of cysts in abdomen and confirmation with morphological examination at necropsy or molecular tests). Also include monitoring policy at slaughterhouse level for *E. granulosus s.l.* (meat inspection based on national and EU legal requirements) for livestock intermediate hosts, more generally ungulates. It is extremely important to group the investigated animals per species and age category (e.g. <1 year; >1 year). Differentiation of the regions according to the status (endemic, emerging, free), if available. If programme is approved by the EC, please provide link to the specific programme in the Commission's website.

[47] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission and co-financed by the EU, based on Regulation (EU) 2021/690. Control programmes run by the

13.3. Notification system in place to the national competent authority[48]

Yes. Please refer to Prevalence Tables.

13.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[49]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

13.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Echinococcus in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. Antiparasitic treatments in pets (dogs) and wildlife, meat inspection procedures at slaughterhouses, good management practices when handling intestines and organs of infected animals (to avoid consumption by dogs or cats), recommendations to consumers and food handlers (especially for berries and mushrooms) and effective management of stray dogs should be reported. Biosecurity measures at the farm/holding level or recommendations for zoos should be also included.

[48] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[49] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection).

14. General evaluation: *Listeria*

14.1. History of the disease and/or infection in the country[50]

Listeria monocytogenes has been recognised as a human pathogen for more than 50 years. It causes invasive illness mainly in certain well defined high-risk groups, including immunocompromised people, pregnant women and neonates. However, listeriosis can occur otherwise in healthy individuals, particularly in the setting of an outbreak. The public health importance of listeriosis is not always recognised, particularly because listeriosis is a relatively rare disease compared to other common food-borne illnesses such as salmonellosis. Furthermore, listeriosis is a disease that clinically affects cattle, but mainly ewes in Spain.

14.2. Evaluation of status, trends and relevance as a source for humans[51]

Listeria is a serious food safety issue, particularly for pregnant women, the elderly, and those who are immunocompromised in Spain.

14.3. Any recent specific action in the Member State or suggested for the European Union[52]

Control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Notification of Listeriosis is a mandatory in Spain, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network since 2015.

14.4. Additional information

The diagnostic method used in food is: ISO 11290-2_:2004.

Spanish legislation on Listeria in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

[50] Provide the description of history of the infection, stating whether the infection is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[51] Provide the epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, animal).

[52] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

15. Description of Monitoring/Surveillance/Control programmes system: *Listeria* in food

15.1. Monitoring/Surveillance/Control programmes system[53]

As the control of *Listeria monocytogenes* in ready-to-eat products is in Regulation (EC) No 2073/2005, in Spain, it is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

Also, this control of *Listeria monocytogenes* is undergone in all foodstuffs and at all steps of the food chain by official control of regional health authorities according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

In addition, MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting Listeria in imported food and responsible for the samples obtained from the BCP's. The surveillance of Listeria is based in an annual plan involving all BCP's.

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

15.2. Measures in place[54]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

[53] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[54] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

15.3. Notification system in place to the national competent authority[55]

Yes. Please refer to Prevalence Tables.

15.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[56]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

15.5. Additional information

Control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation.

Spanish legislation on Listeria in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

[55] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[56] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection).

16. Description of Monitoring/Surveillance/Control programmes system: *Listeria* in animals

16.1. Monitoring/Surveillance/Control programmes system[57]

There is no monitoring/surveillance/control programme of Listeria in animals. Testing is performed based on compatible symptoms. If the epidemiological situation changes, a monitoring/surveillance/control programme will be developed and implemented.

16.2. Measures in place[58]

16.3. Notification system in place to the national competent authority[59]

16.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[60]

16.5. Additional information

[57] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[58] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. For *Listeria monocytogenes* in animals: disposal of potentially infective materials such as aborted animal fetuses, birth excretions and the bodies of dead animals.

[59] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[60] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and food, and their connection to human cases (as a source of infection).

17. General evaluation: *Mycobacterium*

17.1. History of the disease and/or infection in the country[61]

Sanitary importance of bovine tuberculosis has been based in the spread of the disease to humans. Human infection has been linked historically to raw milk consumption. At human level the surveillance of the disease is included in the National Epidemiological Surveillance Network, created according to Royal Decree 2210/1995 and updated according to the Ministerial Order SSI/445/2015. In Spain, control of milk was carried out at council town's level since 1908, but monitoring and eradication programmes in cattle didn't start systematically until beginning of 90's, focused mainly in dairy cows.

At the moment the programme is being applied to cattle over six weeks of age and to goats living close to cattle. Control of milk and control of fresh meat production is carried out by Autonomous Communities according to European legislation in force (hygiene package).

17.2. Evaluation of status, trends and relevance as a source for humans[62]

Spanish programmes for eradication on bovine tuberculosis in last years show a decrease of the disease prevalence in cattle since 2016. Raw milk only can be consumed if produced in tuberculosis-free herds (OTF).

17.3. Any recent specific action in the Member State or suggested for the European Union[63]

Spanish Programme on Eradication of Bovine Tuberculosis 2024.

Milk control and fresh meat control production are developed according to European legislation in force (Hygiene Package).

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (I.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

17.4. Additional information

M. caprae has been isolated in 2005-2024 from cattle, goats, wild boards, foxes, wild ruminants.

Spanish legislation on Mycobacterium in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

[61] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[62] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[63] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

18. Description of Monitoring/Surveillance/Control programmes system: *Mycobacterium* in Bovine animals

18.1. Monitoring/Surveillance/Control programmes system[64]

MONITORING SYSTEM

Testing strategy

Testing strategy is defined in Spanish Programme on Eradication on Bovine Tuberculosis 2022-2030, covering cattle according to Regulation (EU) 689/2020 (animals over six weeks of age) and goats living close to cattle. Testing on live animals is performed under supervision of competent authorities of Autonomous Communities. At slaughterhouses, samples are taken in suspicious animals and in animals with suspicious injures. Strategic use on gamma-interferon assay has been implemented since 2008 and consequently, an increase in the sensitivity at animal level (intra-herd) has been applied.

Additionally, severe interpretation of skin test (SIT) has been applied in high prevalence areas, with 2 skin tests in OTF herds and at least 2 or 3 skin tests (depending on the area prevalence) in non-OTF herds during 2024. These measures have increased the sensitivity at herd level as well.

Frequency of the sampling

Once a year at least, more frequent testing in not officially free herds (at least 3 tests) and in OTF herds located in high prevalence (>1%) areas (2 at least). Test previous to movements except if animals go to a closed fattening unit that send animals directly to a slaughterhouse.

Type of specimen taken

Skin test, blood, organs/tissues.

Methods of sampling (description of sampling techniques)

1. Tuberculin skin tests used in animals over 6 weeks of age.

[64] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission's website. For tuberculosis in bovine animals and in farmed deer, it is important to report the sample type (because not included in the data model) which could be abnormal lymph nodes and parenchymatous organs (e.g. lungs, liver and spleen), which are typically sampled when there are pathological lesions. If there are no lesions, liver and the following lymph nodes are usually collected: retropharyngeal, bronchial, mediastinal, supramammary, mandibular and some mesenteric. For the gamma-interferon test, blood samples are collected. For Member States with non-disease-free status from infection with MTBC a description of the eradication or surveillance system is to be provided this information should be provided

(a) the single intradermal tuberculin test (SITT)

(b) the comparative intradermal tuberculin test (CITT) In low prevalence areas, can be used if specificity problems are detected.

2. Gamma-interferon assay in animals over 6 months of age.

3.

In infected herds, gamma-interferon assay is used in parallel as a supplementary test in animals over six months of age. At slaughterhouses organs/tissues are taken from suspicious reactors animals (mainly from disease free status herds with status suspended) and from injures found in routine post-mortem examination of animals slaughtered, according to the European legislation in force (Hygiene Package).

Case definition

Skin test: positive and inconclusive results. In disease-free status herds also MTC isolation is required.

Gamma interferon: positive result.

Diagnostic/analytical methods used

SITT, CITT, agent isolation, PCR and gamma-interferon assay following criteria laying down by EURLAB protocols., Spoligotyping, VTNR for molecular typing.

18.2. Measures in place[65]

Vaccination policy

Forbidden

Other preventive measures than vaccination in place

Pre-movement test; Cleaning and disinfecting of positive holdings; Control of common grazing areas; Surveillance and control measures on wildlife ; Epidemiological investigations in breakdowns; training, inspections and official control of the field veterinarians.

Control program/mechanisms

[65] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission, based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. Biosecurity measures at the farm/holding level or recommendations for zoos should be also included.

Spain has an Eradication Programme approved . Legal basis of the programme measures is Regulation (EC) 689/2020, but with increased measures like:

- more frequent tests in high prevalence areas

- strategic use of gamma-interferon assay

- pre-movement tests

- severe interpretation of SITT.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/spainmtceradicationprogramme2022-2030final_tcm30-619674.pdf

Recent actions taken to control the zoonoses

More frequent testing and pre-movement test. Compulsory slaughtering of all animals in herds with high incidence or repeating positive results. Severe interpretation of tuberculin test. Research into other test methodologies. Reinforce over herd registers at farm level. Epidemiological studies. Surveillance of wildlife. Inspections in restricted herds. Inspections of field veterinarians. Training courses for field veterinarians.

Suggestions to the European Union for the actions to be taken

Research into other test methodologies and improve the existing ones.

Measures in case of the positive findings or single cases

Confirmation by isolation/PCR of MTC. If confirmed, withdrawal of disease free status e of the stablishment. Epidemiological studies, spoligotyping of the strain and inclusion in the National Database mycoDB.es.

18.3. Notification system in place to the national competent authority[66]

Since 1952, at least (Epizootic Diseases Law). Nowadays, in accordance with the provisions of Law 8/2003 on Animal Health and Royal Decree 779/2023, which establishes the list of notifiable animal diseases and establishes the regulations for their reporting. Tuberculosis is a notifiable disease in Spain.

Additionnally, infection of Mycobacerium tuberculosis Complex (*M. Tuberculosis, M.* bovis, *M. caprae*) is a listed disease with mandatory notification and reporting according to Regulation (EU) 2016/429 on transmissible animal diseases (Animal Health Law) and its delegated and implementing acts.

18.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[67]

Results of the investigation

[66] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[67] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection).

See table

National evaluation of the recent situation, the trends and sources of infection

Data obtained by applying the Spanish Tuberculosis Eradication and Surveillance Programme 2024 show a very slight decrease in the prevalence of the disease at herd level in the country (from 1,54 to 1,52). In conclusion, milk consumption cannot be considered as a current source of infection in Spain, even more if it is assumed that cow milk is thermally treated. Explanation of the higher prevalence in the certain areas can be found in special management of this kind of herds: common grazing, ranching systems, fighting bulls, transhumance... Wildlife and goats can also be a source of infection in these establisments.

18.5. Additional information

Relevance of the findings in animals, feeding stuffs and foodstuffs to human cases (as a source of infection)

The risk of transmission from animals to humans is very low.

The number of yearly reported cases at national level is low (mean of 43 cases in 2018-2023, last years reporting is increasing), Spain showed the first highest notification rate (0.11 per 100,000) at EU level for M.bovis and M. caprae TB in humans in 2023. Nevertheless, the risk of transmission from animals to humans is considered low due to the application of the eradication programs for bovine tuberculosis in cattle populations.

19. Description of Monitoring/Surveillance/Control programmes system: *Mycobacterium* in other animals than Bovine animals

19.1. Monitoring/Surveillance/Control programmes system[68]

MONITORING SYSTEM

Caprine animals: Spanish eradication programme in bovine animals is extensible to caprine animals that cohabit with bovines or have an epidemiological with them, and allows CCAA to include all caprine animals as additional animal population, if they altere the epidemiological situation of bovines.

Wildlife (wild boar, cervids, and badgers) are included in the National Surveillance Plan of Wildlife, and Spain has a specific action plan to control tubercullosis in wildlife (PATUBES (Action Plan on Tuberculosis in Wildlife Species) with the aim to understand the influence of wildlife on the different epidemiological scenarios of bovine tuberculosis (TB) in Spain, and proposed measures to reduce transmission between wild and domestic specie, that were finalised in national legislation (hygienic by-products management, control measures on certain reservoirs of MCT).

The wildlife information of interest to animal health authorities is of two types: population and health. The challenge is to coordinate both types of information to ensure integrated monitoring. Sampling is stratified according to a zoning system for Spanish territory based on the risk and characteristics of hunting areas, which governs the framework and degree of disease control, prevention, and control measures to be applied.

On a first level, the national territory is classified into four large regions based on the risk of tuberculosis observed in wildlife surveillance and the prevalence in cattle.

On a second level, the territory of these regions is divided into three types of regions or veterinary units identified by the regional authorities as low-risk, moderate-risk, or special-risk regions or veterinary units, also taking into account evidence of contagion between cattle and wild boar or deer.

At a third level, the different specific hunting areas where game species live are classified, at the request of the interested party, considering the degree of management, especially with regard to the systematic provision of food, the densities caused by this management, and the potential for contact with livestock.

Testing strategy

[68] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission's website.

Based on these categorization and data, the number of animals to be sampled for each Autonomous Community has been calculated according to the number of spaces declared in previous year.

Methods of sampling

As it is based on postmorten inspection organs/tissues are taken from suspicious injuries, according to the European legislation in force (Hygiene Package).

Frequency of the sampling

Animals coming from hunting (wildlife or semi-domesticated/farmed).

The cinegetic spaces with highest degree of management (caegory I, farmed wild life) are subject to annual surveillance programmes.

Type of specimen taken

Blood, organs/tissues.

Case definition

MTC isolation or positive PCR.

Diagnostic/analytical methods used

Agent isolation, PCR, Spoligotyping, VTNR for molecular typing.

19.2. Measures in place[69]

Royal Decree 138/2020 of January 28 establishes the basic regulations regarding health measures for game species that act as reservoirs for tuberculosis (Mycobacterium tuberculosis): wild boar and other wild suids (Sus scrofa) and their hybrids, red deer (Cervus elephus), and fallow deer (Dama dama), applying to all regions or veterinary units identified throughout the country.

Control program/mechanisms

Depending on the tuberculosis risk categorization of each region or veterinary unit, established by the competent authority, and the categorization of hunting areas located within them, they will have a series of general and specific obligations.

[69] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission, based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. Biosecurity measures at the farm/holding level or recommendations for zoos should be also included.

Annual tuberculosis surveillance will be carried out in game species that act as reservoirs for tuberculosis.

Management of hunting by-products will be carried out in accordance with the provisions of Royal Decree 50/2018, which establishes the regulations for the control of animal by-products not intended for human consumption and animal health in big game hunting.

The obligation to register category I and II spaces, and category III and IV spaces that will move animals.

Biosecurity measures, with the aim of segregation of wildlife and domestic animals.

Control of population, with the aim of reducing density.

Requirements to movements of animals.

19.3. Notification system in place to the national competent authority[70]

Since 1952, at least (Epizootic Diseases Law). Nowadays, in accordance with the provisions of Law 8/2003 on Animal Health and Royal Decree 779/2023, which establishes the list of notifiable animal diseases and establishes the regulations for their reporting. Tuberculosis is a notifiable disease in Spain.

Additionnally, infection of ;Mycobacterium tuberculosis complex (M. Tuberculosis, M. bovis, M. caprae) is a listed disease with mandatory notification and reporting in terrestrial mammals, according to Regulation (EU) 2016/429 on transmissible animal diseases (Animal Health Law) and its delegated and implementing acts.

19.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[71]

The National Wildlife Surveillance Program (PVFS) was developed in 2010, with its first year being implemented in 2011. Its purpose was to assess the health status of Spanish wildlife with respect to a series of diseases considered relevant.

Results are published annually: https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/informefaunasilvestre_2023_tcm30-426300.pdf

19.5. Additional information

The risk of transmission from wildlife to bovines is considered one of the main routes of transmission in some regions in Spain, due to the productive system: use of common grazes, transhumance and extensive production systems

[70] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[71] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection).

20. Description of Monitoring/Surveillance/Control programmes system: *Mycobacterium* in foodstuff

20.1. Monitoring/Surveillance/Control programmes system[72]

The control of Mycobacterium is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Additionally, in Spain, the control of Mycobacterium in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

eros_otros.pdf

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

20.2. Measures in place[73]

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

[72] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission's website.

[73] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. The control programmes may be national or regional, and they may be approved nationally or by the Commission, based on Regulation (EU) 2021/690. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. Biosecurity measures at the farm/holding level or recommendations for zoos should be also included.

20.3. Notification system in place to the national competent authority[74]

Yes. Please refer to Prevalence Tables.

20.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[75]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

20.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Mycobacterium in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

[74] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[75] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection).

21. General evaluation: *Salmonella*

21.1. History of the disease and/or infection in the country[76]

Salmonellosis is the second main zoonoses (in number of human cases reported) in the European Union, also in Spain. *Salmonella* is the agent more frequently involved in reported foodborne outbreaks in Spain. In poultry, after the introduction in the 60's of the American production methods, the specific pathology of avian salmonellosis was caused by *S. Pullorum* and *S. Gallinarum*. In the middle of the 80's, a new infection in breeding flocks for meat production caused by *S. Enteritidis* came up, and following it, also in laying hens and in feed *S. Enteritidis* was isolated.

Thanks to the application of *Salmonella* National Control Programmes (since 2007-2010), the prevalence of *Salmonella* in poultry has decreased to values bellow EU targets.

21.2. Evaluation of status, trends and relevance as a source for humans[77]

Nowadays the sources of infection are widespread along the food chain: feed, animals, food (eggs and eggproducts, meat…) and humans can be a source of infection.

At animal level, in breeding flocks, Spain have reached the community target in 2024 (0.78% positive flocks to 5 serovars).

In laying hens, adult flocks the prevalence in 2024 was 1.47%.

In broiler flocks, the prevalence of *S.* Enteritidis and *S.* Typhimurium was 0.09% in 2024.

In breeding turkeys, the prevalence of SE/ST, including monophasic strains, in 2024 was 1.16%, with 1 positive flock. As Spain has less than 100 flocks of breeding turkeys, the EU target is not to have more than 1 positive flock to target serovars, therefore the EU target was achieved.

In fattening turkeys, the prevalence of SE/ST, including monophasic strains, in 2024 was 0.08%

Data indicate that we have reached the prevalence target in all poultry populations included in the National Surveillance and Control Programme of Salmonellosis in Spain in 2024.

21.3. Any recent specific action in the Member State or suggested for the European Union[78]

The Ministry of Agriculture, Fisheries and Food and AESAN are carrying out a Control Programme of Salmonella in poultry, eggs and egg products along the overall food chain, starting with monitoring systems at holdings (National Surveillance Programme).

[76] Provide the description of history of the infection, stating whether the infection is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[77] Provide the epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, animal).

[78] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Salmonellosis is a mandatory reporting disease in Spain, since 2015, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network

21.4. Additional information

Spanish legislation on *Salmonella* in foodstuff:

- Royal Decree 1254/1991 of August 2, laying down rules to preparation and conservation of mayonnaise prepared in the own establishment and for immediate consumption foods with eggs as ingredient.
- Royal Decree 3484/2000 of December 29, laying down hygiene rules to elaboration, distribution and commercialisation of ready-to-eat food.
- Royal Decree 640/2006, of May 26, laying down specific implementation conditions of the Communities rules concerning hygiene subjects, as well as foodstuff's production and commercialisation.
- Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

22. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in food

22.1. Monitoring/Surveillance/Control programmes system[79]

The control of *Salmonella* is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Additionally, in Spain, the control of *Salmonella* in food is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting of *Salmonella* in imported food. The control of Salmonella in imported food is carried out according to an annual surveillance plan involving all BCP's. Spanish control plan for Salmonella in imported food not only perform controls over products of animal origin but vegetable products which could suppose a risk.

The Analytical reference method is: ISO 6579.

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

22.2. Measures in place[80]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

[79] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[80] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

22.3. Notification system in place to the national competent authority[81]

Yes. Please refer to Prevalence Tables.

22.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[82]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

22.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation

Spanish legislation on *Salmonella* in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents. Royal Decree 1254/1991 of August 2, laying down rules to preparation and conservation of mayonnaise prepared in the own establishment and for immediate consumption in foods with eggs as ingredient. Royal Decree 3484/2000 of December 29, laying down hygiene rules for preparation, distribution and marketing of ready-to-eat food. Royal Decree 640/2006, of May 26, laying down specific implementation conditions of the EU rules concerning hygiene practices, as well as foodstuff's production and marketing.

[81] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[82] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

23. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in breeding flocks of *Gallus gallus*

23.1. Monitoring/Surveillance/Control programmes system[83]

MONITORING SYSTEM

Sampling strategy

Following point 2 of the Annex of Commission Regulation (EU) 200/2010 of 10 March, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain Salmonella serotypes in breeding flocks of *Gallus gallus*.

This sampling strategy is implemented by the Spanish National Control Programme on *Salmonella* in Breeding Flocks of *Gallus gallus*, approved by EU.

Frequency of the sampling

Every flock is sampled.

Rearing period:

- Day-old chicks
- Birds of 4 weeks of age and 2 weeks prior movement to laying period.

Production period:

FBO controls: every 2/3 weeks (In Spain the target was reached during the last 2 years, so the frequency could be modified from every 2 weeks to every 3 weeks if the FBO asks for it and the Competent Authority considers it appropriate). Additionally to the FBO controls, during production period an official control sampling is performed, with the following frequency:

1. within 4 weeks following moving to the laying phase or laying unit

2. towards the end of the laying phase and not earlier than 8 weeks before the end of the production cycle

3. During the production period at a time distant enough from the sampling referred in points 1. and 2.

[83] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. For *Salmonella* control programmes, should be described whether the methods of sampling were in accordance with the Annexes of Commission Regulations (EU) No 200/2010, No 517/2011, No 200/2012 or No 1190/2012.

Type of specimen taken

Rearing and production period:

Faeces/ boot swabs

Methods of sampling (description of sampling techniques)

Day-old chicks:

1. One sample made up of from 10 samples of the internal coverings of the cages transporting the chicks taken when they are delivered to the holding. The bases of the cages may be used directly as a sample, which will be sent either whole or in parts to the laboratories responsible for processing samples and may be made up of a single or more than one sample, or

2. Liver, caecum and yolk sac of 60 chicks (these parts of the viscera can be removed and processed as a single sample), or

3. A sample made up of meconium from at least 250 chicks.

Rearing period:

Faeces from different points of the holding or boot swabs.

Faeces or boot swabs can be pooled for analysis up to a minimum of two pools.

Production period:

Following point 2 of the Annex of Commission Regulation (EU) 200/2010 of 10 March, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain *Salmonella* serotypes in breeding flocks of *Gallus gallus*.

Case definition

Day-old chicks, rearing and production period:

A breeding flock shall be considered positive when the presence of the relevant *Salmonella* serotypes (other than vaccine strains) has been detected in one or more samples taken in the flock, even if the relevant Salmonella serotypes are only detected in the dust sample, or when the confirmatory sampling as part of official controls in accordance with point 2.2.2.2(b) does not confirm the detection of relevant *Salmonella* serotypes but antimicrobials or bacterial growth inhibitors have been detected in the flock.

Diagnostic/analytical methods used

Bacteriological method: EN/ISO 6579-1

23.2. Measures in place[84]

Vaccination policy

Voluntary/Compulsory in rearing flocks of meat production line if one of the relevant *Salmonella* serovars was detected in the preceding flock.

Other preventive measures than vaccination in place

- Biosecurity measures.
- Compliance with Good Practice Code.

Control program/mechanisms

Spanish National Control Programme on *Salmonella* in Breeding Flocks of *Gallus gallus* 2024

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncsreproductoras2024_tcm30-671955.pdf

Recent actions taken to control the zoonoses

Compulsory National Control Programme on *Salmonella* in Breeding Flocks of *Gallus gallus* 2024.

Measures in case of the positive findings or single cases

According to the compulsory National Control Programme on *Salmonella* in Breeding Flocks of *Gallus gallus* 2024, including: movement of live birds forbidden, destruction or treatment of eggs, sacrifice-depopulation of the flock, epidemiological investigations, control of biosecurity measures, control of the effectiveness of cleaning and disinfection.

23.3. Notification system in place to the national competent authority[85]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

[84] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included. It is of particular interest whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

[85] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

23.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[86]

Results of the investigation

See table.

National evaluation of the recent situation, the trends and sources of infection

Spain has reached the Community reduction (<1%) target for 2024.

23.5. Additional information

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)

Breeding flocks for egg production can be considered a very low source of infection for humans, with 0 positive adult flock to Salmonella target serovars.

In 2024, 13 positive adult flocks to Salmonella target serovars were detected in breeding flocks for meat production.

[86] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination. It is important to analyse results from flocks at various production levels, as well as the corresponding serovar distributions. Additionally, assessing the impact of the control programmes on the prevalence and number of human cases is highly relevant.

24. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in laying hen flocks of *Gallus gallus*

24.1. Monitoring/Surveillance/Control programmes system[87]

MONITORING SYSTEM

Sampling strategy

Following point 2 of the Annex of Commission Regulation (EU) 517/2011 of 25 May, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain *Salmonella* serotypes in laying hens of *Gallus gallus*.

This sampling strategy is implemented by the Spanish National Control Programme on *Salmonella* in laying hens flocks of *Gallus gallus*, approved by EU.

Frequency of the sampling

Rearing period:

FBO controls in:

- Day-old chicks
- Birds 2 weeks prior movement to laying period.

Production period:

FBO controls: every 15 weeks in hens from 24+/-2 weeks old. Additionally, to the FBO controls, during production period an official control sampling is performed, with the following frequency: at least 1 flock per holding and year, preferably at the end of the production period. Additional official controls could be performed:

1. Farm-related food-borne outbreak.
2. Control of the rest of flocks when a Salmonella target positive flock has been detected in the farm.
3. Antimicrobial use control.
4. At 24 +/- 2 weeks, when a Salmonella target positive flock has been detected in the shed.
5. At competent Authority's discretion.

[87] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. For *Salmonella* control programmes, should be described whether the methods of sampling were in accordance with the Annexes of Commission Regulations (EU) No 200/2010, No 517/2011, No 200/2012 or No 1190/2012.

Type of specimen taken

Rearing period:

Coverings of the cages/ Viscera/Meconium/Faeces/ boot swabs

Production period:

Faeces/boot swabs/fabric swabs

Methods of sampling (description of sampling techniques)

Day-old chicks:

1. One sample made up of from 10 samples taken of the internal coverings of the cages transporting the chicks taken when they are delivered to the holding. The bases of the cages may be used directly as a sample, which will be sent either whole or in parts to the laboratories responsible for processing samples and may be made up of a single or more than one sample, or

2. Liver, caecum and yolk sac of 60 chicks (these parts of the viscera can be removed and processed as a single sample), or

3. A sample made up of meconium from at least 250 chicks.

Rearing period:

Faeces from different points of the holding or boot swabs.

Faeces or boot swabs can be pooled for analysis in 1 sample.

Production period:

Following point 2 of the Annex of Commission Regulation (EU) 517/2011 of 25 May, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain *Salmonella* serotypes in laying hens flocks of *Gallus gallus*.

Case definition

Day-old chicks, rearing and production period:

A laying hen flock shall be considered positive when the presence of the relevant *Salmonella* serotypes (other than vaccine strains) has been detected in one or more samples taken in the flock, even if the relevant *Salmonella* serotypes is only detected in the dust sample, or when the confirmatory sampling as part of official controls in accordance with point 2.2.2.2(b) does not confirm the detection of relevant *Salmonella* serotypes but antimicrobials or bacterial growth inhibitors have been detected in the flock.

Diagnostic/analytical methods used

Day-old chicks, rearing period and production period:

Bacteriological method: EN/ISO 6579-1

24.2. Measures in place[88]

Vaccination policy

Laying hens shall be vaccinated pursuant to Regulation (EC) No 1177/2006.

All laying hens shall be subject to mandatory vaccination programmes against *Salmonella* Enteritidis, to reduce shedding and contamination of eggs, at least during the rearing phase. The only exceptions will be holdings that the competent authority deems to have adequate biosecurity measures and to have fully implemented a plan for monitoring and control of *Salmonella* and that have demonstrated its effectiveness by having tested negative for *S*. Enteritidis and *S*. Typhimurium, including monophasic strains of *Salmonella* Typhimurium with the antigenic formula 1,4,[5],12:i:-, for at least the past twelve months (in FBO own checks) and as long as the most recent official monitoring has likewise produced negative results for *S*. Enteritidis and *S*. Typhimurium, including monophasic strains of *Salmonella* Typhimurium with the antigenic formula 1,4,[5],12:i:-.

Other preventive measures than vaccination in place

- Biosecurity measures.
- Compliance with Good Practice Code.

Control program/mechanisms

Spanish National Control Programme on *Salmonella* in Laying Hens Flocks of *Gallus gallus* 2024:

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncsponedoras2024_tcm30-671960.pdf

Recent actions taken to control the zoonoses

Compulsory National Control Programme on *Salmonella* in Laying Hens Flocks of *Gallus gallus* 2024.

[88] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included. It is of particular interest whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

Measures in case of the positive findings or single cases

According to the compulsory National Control Programme on *Salmonella* in Laying Hens Flocks of *Gallus gallus* 2024, including: movement of live birds forbidden, destruction or treatment of eggs, sacrifice-depopulation of the flock, epidemiological investigations, control of biosecurity measures, control of the effectiveness of cleaning and disinfection.

24.3. Notification system in place to the national competent authority[89]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

24.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[90]

Results of the investigation

See table.

National evaluation of the recent situation, the trends and sources of infection

Spain has reached the Community reduction target (<2%) in 2024.

24.5. Additional information

[89] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[90] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination. It is important to analyse results from flocks at various production levels, as well as the corresponding serovar distributions. Additionally, assessing the impact of the control programmes on the prevalence and number of human cases is highly relevant.

25. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in broiler flocks of *Gallus gallus*

25.1. Monitoring/Surveillance/Control programmes system[91]

MONITORING SYSTEM

Sampling strategy

Following point 1 of the Annex of Commission Regulation (EC) 200/2012 implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in broilers.

Frequency of the sampling

3 weeks prior to slaughter (FBO control and official control). Official control sampling is performed in at least one flock on 10% of the holdings with more than 5000 birds.

Type of specimen taken

Faeces (boot swabs).

Methods of sampling (description of sampling techniques)

Following point 2 of the Annex of Commission Regulation (EC) 200/2012 implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in broilers.

Case definition

A flock of broilers shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of *Salmonella* Enteritidis and/or *Salmonella* Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Diagnostic/analytical methods used

Bacteriological method EN/ISO 6579-1.

[91] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. For *Salmonella* control programmes, should be described whether the methods of sampling were in accordance with the Annexes of Commission Regulations (EU) No 200/2010, No 517/2011, No 200/2012 or No 1190/2012.

25.2. Measures in place[92]

Vaccination policy

Does not exist.

Other preventive measures than vaccination in place

- Biosecurity measures.
- Compliance with Good Practice Code.

Control program/mechanisms

National Control Programme on *Salmonella* in broiler flocks 2024, approved by EU.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncspollosdeengorde2024_tcm30-671958.pdf

Recent actions taken to control the zoonoses

National Control and Monitoring Programme on *Salmonella* in broiler flocks 2024, including biosecurity measures and compliance with Good Practice Code following Regulations 2160/2003, 1177/2006 and 200/2012.

Measures in case of the positive findings or single cases

- Verification of the compliance of biosecurity measures
- Cleaning, disinfection and treatment against rodents and insects
- Verification of the efficacy of cleaning and disinfection
- Epidemiological investigation

25.3. Notification system in place to the national competent authority[93]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

[92] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[93] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

25.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[94]

Results of the investigation

See table

National evaluation of the recent situation, the trends and sources of infection

Spain has reached the community target (<1%) in 2024.

25.5. Additional information

[94] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination. It is important to analyse results from flocks at various production levels, as well as the corresponding serovar distributions. Additionally, assessing the impact of the control programmes on the prevalence and number of human cases is highly relevant.

26. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in breeding turkey flocks

26.1. Monitoring/Surveillance/Control programmes system[95]

MONITORING SYSTEM

Sampling strategy

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Frequency of the sampling

Day-old chicks:

Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Rearing period:

Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Production period:

Following points 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Type of specimen taken

Day-old chicks:

Following point 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

[95] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. For *Salmonella* control programmes, should be described whether the methods of sampling were in accordance with the Annexes of Commission Regulations (EU) No 200/2010, No 517/2011, No 200/2012 or No 1190/2012.

Production period:

Following point 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Methods of sampling (description of sampling techniques)

Day-old chicks:

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Rearing period:

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Production period:

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Case definition

Day old chicks, rearing period and production period:

A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of *Salmonella* Enteritidis and/or *Salmonella* Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion. Positive flocks of turkeys shall be counted only once per round, irrespective of the number of sampling and testing operations and only be reported in the year of the first positive sampling.

Diagnostic/analytical methods used

Day old chicks, rearing period and production period:

Bacteriological method: EN/ISO 6579-1

26.2. Measures in place[96]

Vaccination policy

Voluntary.

Other preventive measures than vaccination in place

- Biosecurity measures.
- Compliance with Good Practice Code.

Control program/mechanisms

Spanish National Control Programme on *Salmonella* in Breeding Flocks of Turkeys 2024, approved by the EU.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncspavos2024_tcm30-671956.pdf

Recent actions taken to control the zoonoses

Compulsory National Control Programme on *Salmonella* in Breeding Flocks of Turkeys 2024, following criteria of Regulation (EC) 1190/2012.

26.3. Notification system in place to the national competent authority[97]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

[96] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included. It is of particular interest whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

[97] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

26.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[98]

Results of the investigation

See table.

National evaluation of the recent situation, the trends and sources of infection

In 2024, Spain has achieved the community target in breeding turkeys with no more than 1 positive flock to target serovars.

26.5. Additional information

[98] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination. It is important to analyse results from flocks at various production levels, as well as the corresponding serovar distributions. Additionally, assessing the impact of the control programmes on the prevalence and number of human cases is highly relevant.

27. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in fattening turkey flocks

27.1. Monitoring/Surveillance/Control programmes system[99]

MONITORING SYSTEM

Sampling strategy

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Frequency of the sampling:

Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Type of specimen taken

Following point 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, in turkeys.

Methods of sampling (description of sampling techniques)

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium, including monophasic strains in turkeys.

Case definition

A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of *Salmonella* Enteritidis and/or *Salmonella* Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Diagnostic/analytical methods used

Bacteriological method: EN/ISO 6579-1

[99] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. For *Salmonella* control programmes, should be described whether the methods of sampling were in accordance with the Annexes of Commission Regulations (EU) No 200/2010, No 517/2011, No 200/2012 or No 1190/2012.

27.2. Measures in place[100]

Vaccination policy

It does not exist.

Other preventive measures than vaccination in place

- Biosecurity measures.
- Compliance with Good Practice Code.

Control program/mechanisms

Spanish National Control Programme on *Salmonella* in Meat Production Flocks of Turkeys 2024, approved by EU.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncspavos2024_tcm30-671956.pdf

Recent actions taken to control the zoonoses

Compulsory National Control Programme on *Salmonella* in Meat Production Flocks of Turkeys 2024, following criteria of Regulation (EC) 1190/2012.

27.3. Notification system in place to the national competent authority[101]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

27.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[102]

[100] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included. It is of particular interest whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

[101] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[102] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination. It is important to analyse results from flocks at various production levels, as well as the corresponding serovar

Results of the investigation

See table.

National evaluation of the recent situation, the trends and sources of infection

In 2024, Spain has achieved the community target in fattening turkeys (<1%).

27.5. Additional information

distributions. Additionally, assessing the impact of the control programmes on the prevalence and number of human cases is highly relevant.

28. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in animals other than poultry

28.1. Monitoring/Surveillance/Control programmes system[103]

There is not a monitoring/surveillance/control programme for *Salmonella* in animals other than poultry.

28.2. Measures in place[104]

28.3. Notification system in place to the national competent authority[105]

28.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[106]

28.5. Additional information

[103] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[104] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. The vaccination policy or approved vaccination programme should be included. It is of particular interest whether vaccination is mandatory or voluntary or recommended for certain animal populations. The description should include, at least, a description of the vaccine, the characteristics of the animals to be vaccinated (age, sex), the area where vaccination is to be implemented and special measures such as marking the vaccinated animals, etc.

[105] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[106] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

29. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* in feed

29.1. Monitoring/Surveillance/Control programmes system[107]

According to the National program of Feed control:

Taking into account the results of the National *Salmonella* research plan and the notifications of the alert network in last years, the feed products with a higher risk for the presence of *Salmonella* are:

- Oilseeds (cotton, soybean, rapeseed, canola, sunflower, flax) and derived products.
- Fish meal.
- Pet food (raw or processed) and dog chews.
- PAPs.

In the case of feed of vegetal origin (feed materials or compound feed), these determinations do not have a maximum limit established in the national or EU feed regulations.

In the case of products of plant origin, analytical determinations are carried out taking into account the **risk criteria established** in public documents approved by the CNCAA in which possible hazards to be controlled in raw materials intended for the manufacture of animal feed and, therefore, in the feed of which they are part (DOC CNCAA 1/2015 vers 1. Main hazards to be controlled in self-control systems). This document has been disseminated to operators in the sector through their associations, the control authority, and is accessible on the SILUM application on the website of the Ministry of Agriculture, Fisheries and Food: https://www.mapa.gob.es/es/ganaderia/temas/alimentacion-animal/acceso-publico/pruebaotros.aspx

In all cases where positive result is found, an identification of the serotype will be requested.

Controls may be also carried out, preferably, on samples of feed materials and complete feedstuffs identified as higher risk in the National Plan of Investigation of Salmonella in:

- Residues from the incoming taphole of feed materials.
- Cottonseed and oilseed meals
- Not pelleted compound feed (meal).

29.2. Measures in place[108]

Control measures to prevent the introduction of *Salmonella* spp. in farms through feed are based on the **verification of compliance** with current feed regulations by the competent authority of the Autonomous Communities.

[107] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing).

[108] Report the control program or strategies in place, including vaccination if relevant. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a

The producer of the feed material shall establish, implement and maintain a permanent written procedure or procedures based on **HACCP** principles in accordance with Article 6 of Regulation (EC) 183/2005 laying down requirements for feed hygiene.

The control measures by the competent authority of the Autonomous Regions include different aspects such as the **verification of the purchase of feed from registered or authorized operators**.

It should also be noted that Regulation (EC) No. 183/2005 on Feed Hygiene, applicable since January 1, 2006, requires the establishment of **harmonized microbiological criteria**, based on scientific criteria of Risk Analysis, to harmonize **intra-Community trade** and ensure that imported feed complies with levels at least equivalent to those produced in the national territory.

Therefore, **feed hygiene** requirements are verified in all the activities of operators in the animal feed sector, from the primary production of feed to its commercialization, as well as the feeding of food-producing animals and the import and export of feed from and to third countries, with the purpose of adopting the appropriate measures to guarantee the safety of feed at each stage.

29.3. Notification system in place to the national competent authority[109]

In the case of detection of *S*. Enteritidis, *S*. Typhimurium, *S*. Infantis, *S*. Virchow and *S*. Hadar, notification will be made through iRasff.

Additionally, in the case of feed materials in which it is specifically legislated, the detection of *Salmonella* spp. and Enterobacteriaceae will also be subject to notification through RASFF.

29.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[110]

See table.

29.5. Additional information

Every year, more than 3,000 official inspections are carried out in national establishments destined for animal feed products, verifying the self-controls performed by operators in the sector and more than 1,000 official samples are taken for the determination of microbiology, including Salmonella. These data are included in the PNCOCA annual report, distributing the samples among raw materials, compound feed and other products.

whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[109] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[110] Provide the results for minimum five years. Evaluate the significance of positive findings in feed, animals, and food, and their connection to human cases, considering the role of feed in animal infections and animals in food contamination.

30. General evaluation: *Trichinella*

30.1. History of the disease and/or infection in the country[111]

Trichinellosis is a notifiable zoonosis, cases are usually associated to outbreaks.

30.2. Evaluation of status, trends and relevance as a source for humans[112]

In Spain coexist domestic and sylvatic cycles. The main circulating species are *T. spiralis* and *T. britovi*, which are widely distributed in our environment, sometimes in mixed infestations of both species.

T. pseudospiralis was detected, for the first time in 2014 in an infested boar. The importance of the detection of this species lies in the fact that it does not form a capsule and that it could not be detected by the trichinoscopic method.

30.3. Any recent specific action in the Member State or suggested for the European Union[113]

Trichinellosis is a notifiable disease according to Royal Decree 2210/1995 (updated according to the Ministerial Order SSI/445/2015), laying down the National Epidemiological Surveillance Network.

Official Control activities to prevent and eradicate Trichinosis are performed according to European Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for Trichinella in meat, currently in force.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

30.4. Additional information

In Spain, wild game meat to be sold at retail is regulated by the Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the European

[111] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[112] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" for the whole country and/or specific regions within the country. A description of the status of holdings (e.g. whether holdings are officially recognised to apply controlled housing conditions in relation to *Trichinella* in accordance with Commission Regulation (EC) No 2015/1375 Annex IV, Chapter I, Point A) should be included.

[113] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

union rules regarding hygiene practices, as well as foodstuffs production and commercialisation.

According to Article 7 of Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for *Trichinella* in meat, currently in force. Spain has prepared a contingency plan outlining all action to be taken when samples referred to in Articles 2 and 16 test are positive to Trichinella.

Spanish legislation on *Trichinella* in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

31. Description of Monitoring/Surveillance/Control programmes system: *Trichinella* in foodstuffs

31.1. Monitoring/Surveillance/Control programmes system[114]

The control of *Trichinella* is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Official Control activities to prevent and eradicate Trichinosis are performed according to European Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for Trichinella in meat.

Additionally, in Spain, the control of Trichinella in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

31.2. Measures in place[115]

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

[114] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. Include, when available, information on *Trichinella* testing in meat inspection, specifying whether all slaughtered domestic pigs and horses are tested, as well as details on monitoring and surveillance schemes or programmes for farmed boar, horses, breeding pigs, and fattening pigs.

[115] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. Include information on controlled housing conditions on pig farms, effective waste and garbage management, pest control, and education and training for farmers and the public. Additionally, include biosecurity measures at the farm or holding level, as well as recommendations for zoos.

31.3. Notification system in place to the national competent authority[116]

Yes. Please refer to Prevalence Tables.

31.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[117]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

31.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Trichinella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents. Wild game meat to be sold at retail is regulated by Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the European union rules regarding hygiene practices, as well as foodstuffs production and marketing.

[116] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[117] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases, considering the role of animals in food contamination. Include the analyses of the results addressing the outcomes of meat inspections for *Trichinella* spp., descriptions of positive cases and the identified *Trichinella* spp., the age of the affected animals, their management systems, the diagnostic methods used, the degree of infestation and the tested muscle, outdoor access during animals' lifetime, feeding practices, and any other relevant information.

32. Description of Monitoring/Surveillance/Control programmes system: *Trichinella* in domestic animals and animals other than domestic

32.1. Monitoring/Surveillance/Control programmes system[118]

There is a monitoring programme in place in for the domestic swine population from a holding or compartment officially recognised as complying with the controlled housing conditions in order to verify that *Trichinella* is indeed not present in the population.

The frequency of testing, the number of animals to be tested and the sampling plan shall be laid down in the monitoring programme. To that end, meat samples shall be taken and analysed for Trichinella in accordance with the Contingency Plan.

The monitoring programme may include serological methods as a complementary measure.

In the course of disease surveys in wildlife animals, not intended for human consumption, systematic *Trichinella* testing may be carried out in susceptible species.

In any case and in the event of knowledge of the presence of *Trichinella* infected wild game species in a given area, the competent authorities responsible for the survey shall forward this information to the other competent authorities concerned.

32.2. Measures in place[119]

If the farm is considered positive to Trichinella spp., it will be place under official surveillance.

The holding shall no longer be considered positive when:

- The total slaughter of the pigs on the holding which have been living with the positive animal(s) at the time of the outbreak declaration is carried out.
- The slaughter of all pigs referred to above may be replaced by two ELISA tests for the detection of antibodies against *Trichinella* spp., carried out on 100% of the animals older than 5 weeks, 30-45 days apart, and with the slaughter of the positive animals.

[118] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme (e.g. detection of diseases, monitoring the occurrence, prove freedom of infection, a national survey study, or a combination of these) and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it. Include, when available, information on monitoring and surveillance schemes or programmes of wild boar, and other indicator animals, especially in wildlife, e.g. foxes, raccoon dogs.

[119] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

- In the case of an extensive holding, in addition to the above, wild boar shot in hunting on the game preserve where the holding is included in the period of time that the holding is considered as positive, must have been tested with negative result.

When domestic swine on a holding officially recognised as complying with the controlled housing conditions test positive for Trichinella, the competent authority shall immediately:

(a) withdraw official recognition of the holding.

(b) examine all domestic pigs on the holding at the time of slaughter.

(c) trace and test all breeding animals that have entered the holding and, as far as possible, all animals that have left the holding, at least in the six months prior to the positive finding; for this purpose, samples of meat shall be taken and tested for Trichinella.

(d) investigate the spread of parasitic infection due to the distribution of meat from domestic swine slaughtered in the period preceding the positive result, as far as possible and where appropriate.

(e) initiate an epidemiological investigation to clarify the causes of infection where appropriate.

(f) take appropriate measures if any infected carcasses cannot be identified in the slaughterhouse.

32.3. Notification system in place to the national competent authority[120]

The detection of a positive case must be reported to the competent animal health authorities in order to place the holding of origin of the animals under official surveillance and to carry out an epidemiological enquiry at the holding of origin of the animals.

32.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[121]

32.5. Additional information

[120] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[121] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases, considering the role of animals in food contamination. Include analyses of the results from monitoring and control programs for animals other than pigs, with a particular focus on indicator animals and wild animals.

33. General evaluation: Shiga toxin-producing *Escherichia coli* (STEC)

33.1. History of the disease and/or infection in the country[122]

Verotoxigenic Escherichia coli have emerged as foodborne pathogens which can cause severe and potentially fatal illness. Ruminants, especially cattle and sheep, have been implicated as the principal reservoir of STEC. Transmission happened through consumption of undercooked meat, unpasteurized dairy products, vegetables or water contaminated by ruminant faeces. In 2007-2011, 2013, 2015, 2017, 2019 and 2021 national active monitoring programmes have been performed in young cattle 1-2 years old at slaughterhouse under a herd-based approach.

33.2. Evaluation of status, trends and relevance as a source for humans[123]

In cattle, the percentage of animals colonized by strain O157:H7 has been similar in last monitoring programmes. Raw beef products are the main source of infection. Small ruminants may also represent a source of transmission of VTEC to humans.

Monitoring is carried out in odd years.

33.3. Any recent specific action in the Member State or suggested for the European Union[124]

Surveillance of the disease according to Directive 2003/99/EEC. National monitoring programmes 2007-2011 and 2013 in young cattle 1-2 years old, and in 2017, 2018 and 2021 in calves under 1 year. Compulsory and voluntary monitoring programmes in raw meat of different species of animals, minced meat and meat products, other animal origin products, vegetables and other products.

At human level STEC is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (I.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

33.4. Additional information

Spanish legislation on Verotoxigenic Escherichia coli (VTEC) in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

[122] Provide the description of history of the infection, stating whether the infection is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[123] Provide the epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, animal).

[124] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

34. Description of Monitoring/Surveillance/Control programmes system: Shiga toxin-producing *Escherichia coli* (STEC) in food

34.1. Monitoring/Surveillance/Control programmes system[125]

Monitoring is carried out in odd years.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting of Escherichia coli (STEC) in imported food. The control of Escherichia coli (STEC) in imported food is carried out annually, according to an annual surveillance plan involving all BCP's. Spanish control plan for Escherichia coli (STEC) in imported food not only perform controls over products of animal origin but vegetable products which could suppose a risk, based on the recollection and manipulation conditions of this products.

34.2. Measures in place[126]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

34.3. Notification system in place to the national competent authority[127]

Yes

34.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[128]

34.5. Additional information

[125] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[126] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[127] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[128] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

35. General evaluation: Yersinia enterocolitica

35.1. History of the disease and/or infection in the country[129]

Animals are the main source of Yersinia. Faecal wastes from animals (particularly pigs) may contaminate water, milk and foods and become a source of infection for people or other animals.

35.2. Evaluation of status, trends and relevance as a source for humans[130]

Most yersiniosis cases in Spain are reported in children under 5 years of age.

35.3. Any recent specific action in the Member State or suggested for the European Union[131]

Notification of yersiniosisis is mandatory in Spain, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network since 2015.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

35.4. Additional information

Spanish legislation on Yersinia in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

[129] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[130] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[131] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

36. Description of Monitoring/Surveillance/Control programmes system: *Yersinia* spp. in foodstuff

36.1. Monitoring/Surveillance/Control programmes system[132]

The control of Yersinia is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

36.2. Measures in place[133]

Official controls performed by regional health authorities in every Autonomous Community.

36.3. Notification system in place to the national competent authority[134]

Yes. Please refer to Prevalence Tables.

36.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[135]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

[132] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it.

[133] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. Biosecurity measures at the farm/holding level or recommendations for zoos should be also included.

[134] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[135] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

36.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Yersinia in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

37. General evaluation: Lyssavirus (rabies)

37.1. History of the disease and/or infection in the country[136]

Paralytic and furious forms of rabies are described in the second book of the Hunting Agreement in the time of King Alfonso XI (1312-1350). The **Royal Assembly of Health**, publication of 23 November 1786, adopted measures to avoid transmission of rabies controlling movement of dogs and cats. **Royal Order of 1863** describes "measures of preservation that one has to follow in each case where the bite has been from a supposed rabid animal" and also set down the measures against rabies in animals, which were to be adopted by Local Authorities. At the beginning of the 20th century, the **Law of 18 December 1914** and **Regulation of 4 June 1915** are approved to prevent the transmission to humans. On **12 May 1947** the Ministry of Agriculture issued a General Order establishing the measures to be taken against rabies and a second **Order of 1948** established the norms for animal vaccination and control. During the 1950s the **first mass dog vaccination** campaigns took place. The **Epizootics Law of 20 December 1952** established the general regulation

37.2. Evaluation of status, trends and relevance as a source for humans[137]

Since 1978 Spanish mainland and islands remains free of rabies in terrestrial mammals. Only a few cases of EBL have been reported in bats. These data show that the main source and risk for the apparition of cases of rabies in Spain is the importation of animals with the infection from Morocco, other countries of North Africa or countries of the Eastern Europe, where the disease is still present.

Since 1975 no human cases with origin in peninsular territory and islands have been reported.

Three fatal cases were imported from Morocco (2004 Ceuta), (2014 C. Madrid) and (2019 Basque country).

37.3. Any recent specific action in the Member State or suggested for the European Union[138]

Compulsory surveillance of the disease according to article 4 of Directive 2003/99/EEC, came into force by Royal Decree 1940/2004. Compulsory vaccination of dogs in 14 autonomous communities, Ceuta and Melilla. In 2 other autonomous communities vaccination is compulsory only under certain circumstances. Voluntary in the rest.

Studies includes active surveillance of LB-1 in bats.

Information to the citizens about no manipulation of bats.

An Action Plan has been approved, and includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.

[136] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[137] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[138] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

The **National Contingency Plan** for the control of terrestrial rabies in captive and wild animals was **updated in 2023**.

37.4. Additional information

At human level rabies is a notifiable disease according to Royal Decree 2210/1995 (updated according to the Ministerial Order SSI/445/2015), laying down the National Epidemiological Surveillance Network.

38. Description of Monitoring/Surveillance/Control programmes system: *Lyssavirus* (rabies) in animal - Dogs

38.1. Monitoring/Surveillance/Control programmes system[139]

MONITORING SYSTEM

Sampling strategy

Sampling strategy is targeted at 3 levels:

1. Apparently healthy terrestrial mammals that injure a person and die into the quarantine (kept under observation) period of 14 days or if the animal is suspected to be rabid (euthanasia). Samples are taken by competent authority.

Passive surveillance.

2.Dogs and cats imported from third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013 need a neutralising antibody titration at least equal to 0,5 IU/ml carried out in an approved laboratory to enter into Spain according to Council Regulation (EC) No 576/2013.

3. Studies including active surveillance of LB in bats.

Frequency of the sampling

Indeterminate

Type of specimen taken

Brain, Blood, Saliva

Methods of sampling (description of sampling techniques)

Brain of dead or sacrificed animals have to be sent to National Reference Laboratory following a protocol. The sample must be taken with sterility, to be submerged in salinum serum and glycerine in 50% solution and to be sent refrigerated quickly. Blood and serum (0,5 ml minimum) have to be sent following a protocol, by a quick transport service refrigerated or frozen.

Case definition

According to the Rabies Contingency Plan:

- **Suspicion case**: meets clinic or epidemiologic criteria.
- **Probable case**: meets clinic and epidemiologic criteria.

[139] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). The description should clarify the purpose (i.e. sampling strategy) of the monitoring/surveillance programme and/or whether there is only passive surveillance (i.e. clinical suspects) implemented or if monitoring/surveillance is combined with active surveillance (i.e. planned sampling). The target animal population should be clearly described, and it should be indicated whether the entire population was covered or only a subset of it.

- **Confirmed case**: meets laboratory criteria.

Clinical criteria: any animal in the target population exhibiting any of the following:

- unexplained change in behaviour and unprovoked biting or aggression towards a person or animal ('animal aggressor') or inanimate object.
- one or more of the following clinical signs: hypersalivation, incoordination, paralysis, lethargy, abnormal vocalisation.
- unexplained behavioural change and death within 10 days.

Epidemiological criteria: any animal in the target population that meets one or more of the following:

- it has been in contact with a confirmed case (primary contact) or any of its contacts within the previous 30 days (secondary contacts), or in contact with a probable case within the previous 30 days.
- who has a history of travel or stay in rabies-endemic countries within the previous 3 months, without being vaccinated or with unknown vaccination status, and without having undergone antibody titration (unless exemptions have been granted by the competent authorities in this respect).
- who is present or originates from the Autonomous Cities of Ceuta and Melilla in the previous 3 months, and who is not vaccinated or of unknown vaccination status.
- who is in or originates from a restriction area in the previous 3 months and who is unvaccinated or of unknown vaccination status.
- who has a history of bat bites.

Laboratory criteria: laboratory confirmed animal according to the techniques specified in the Contingency Plan.

<u>Regulations</u>

- **Commission Implementing Decision (EU) 2018/945** of 22 June 2018 on the communicable diseases and related special health issues to be covered by epidemiological surveillance as well as relevant case definitions.
- **Regulation (EU) 2022/2371** of the European Parliament and of the Council of 23 November 2022 on serious cross-border threats to health and repealing Decision No 1082/2013/EU.
- **Commission Implementing Decision (EU) 2018/945** of 22 June 2018 on the communicable diseases and related special health issues to be covered by epidemiological surveillance as well as relevant case definitions.
- **Commission Delegated Regulation (EU) 2020/689** of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council as regards rules for surveillance, eradication programmes, and disease-free status for certain listed and emerging diseases.

Diagnostic/analytical methods used

Fluorescent Antibody Test (FAT), Polymerase Chain Reaction followed by DNA sequencing genomic areas, ELISA.

38.2. Measures in place[140]

Vaccination policy

Compulsory vaccination of dogs in 14 regions, Ceuta and Melilla.

In 2 other autonomous communities vaccination is compulsory only under certain circumstances.

Voluntary vaccination of dogs in 1 region.

Other preventive measures than vaccination in place

- Control of animals coming from third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013 Identification and registration of dogs.
- Pick up of stray dogs by council town authorities.

Control program/mechanisms

The control program/strategies in place.

Several regional prevention programmes.

Control of imports and exports according to Council Regulation(EC) No 576/2013 and Regulation(EC) No 577/2013.

Recent actions taken to control the zoonoses

Imports of third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013 An Action Plan has been approved in 2010, and includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.

Measures in case of the positive findings or single cases

Spanish National Contingency Plan against rabies, updated in 2023, includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.

[140] Report the control program or strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of how eradication measures were implemented, in particular those measures taken in case of the positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately. Biosecurity measures at the farm/holding level or recommendations for zoos should be also included.

38.3. Notification system in place to the national competent authority[141]

Since 1952, at least, by Epizootic Law. At the moment by Animal Health Law 8/2003 and Royal Decree 526/2014.

38.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[142]

In Spain, there have not been any cases of rabies in dogs since 1978 (with the exception of an animal that travelled to Morocco in 2013).

38.5. Additional information

Investigations of the human contacts with positive cases

All the people bitten by a suspected animal are investigated following the protocol " **Rules of procedures in case of animal aggressions**", published in 2012 (Spanish Contingency Plan). According to the epidemiological situation and the type of contact with the suspected animal, the decision about the application of complete treatment (vaccine and Ig) is taken.

In 2023 the protocol " Rules of procedures in case of animal aggressions" was included in the Rabies Contingency Plan, including risk assessment, actions to be taken after a risk exposition and treatment after a risk exposition.

[141] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[142] Provide the results for minimum five years. Evaluate the significance of positive findings in animals, and their connection to human cases (as a source of infection), considering the role of animals in food contamination.

39. General evaluation: *Coxiella burnetii* (Q fever)

39.1. History of the disease and/or infection in the country[143]

Q fever is a zoonosis widely extended in the world. It is transmitted airborne from animals to humans and it can survive in the environment for long periods. The main reservoirs are cattle, sheep and goats.

39.2. Evaluation of status, trends and relevance as a source for humans[144]

The epidemiological situation of Q fever in Spain remains stable but Spain reports the most human cases annually in Europe.

39.3. Any recent specific action in the Member State or suggested for the European Union[145]

At human level, Q fever is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

During 2023 Spain updated the Surveillance Programme in ruminant herds and the control actions to take in case of human outbreaks or suspect animals, to be harmonised at national level.

39.4. Additional information

In Spain, spatial distribution of human cases is heterogenous and follows patterns in the most affected areas, probably related to local environmental and livestock factors. Compulsory reporting of the disease is a major step towards a shed of light on the knowledge of its epidemiology. More One Health-multidisciplinary studies are needed.

[143] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[144] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[145] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

40. Description of Monitoring/Surveillance/Control programmes system: *Coxiella burnetii* (Q fever)

40.1. Monitoring/Surveillance/Control programmes system[146]

Sampling strategy and frequency of the sampling

- **Passive surveillance**: when suspicious abortions are reported in a ruminant establishment, the presence of *Coxiella burnetii* shall be systematically investigated.
- **Active surveillance**: aimed at the detection of *C. burnetii* in holdings without clinical symptomatology that may be linked to human cases or when conducting prevalence studies in specific areas.

Type of specimen taken

- **Passive surveillance**: vaginal swabs, blood, milk
- **Active surveillance**: vaginal swabs, blood, milk, faeces, dust.

Methods of sampling (description of sampling techniques)

- PCR:
  - Type of animals: females that have aborted or given birth to dead or weak animals between days 0 and 8 post partum.
  - Number of animals 2-10 individuals.
  - Type of sample: vaginal fluids.
  - Sample collection: sterile, medium-free swabs (2 for each animal sampled).
  - If the outbreak investigation does not coincide with calving season: tank milk, individual milk and feaces or rectal swabs from 10 females. If more than 2 months have elapsed since the last calving, dust sampling from surfaces in and around the calving areas shall be supplemented.
- Serology:
  - Type of animals: females which have aborted, females which have given birth to stillborn or weak animals, females which have had normal births (in this order of preference). Select females that have aborted or have calved more than 15 days and less than 4 months ago and that belong to the same batch as those that aborted.
  - Number of animals: 10-40 individuals.
  - Type of sample: serum.

[146] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

It is described in greater detail in the document "Procedimiento ante una comunicación de sospecha de fiebre Q en una explotación de rumiantes y/o comunicación de un brote en personas":

Procedimiento frente a Fiebre Q en rumiantes 2023.docx

Case definition

- **Positive establishment**: an establishment where positive animals have been detected, showing compatible symptomatology (mainly abortions), with PCR + and/or serology positive results in more than a certain % of the sampled animals.
- **Doubtful establishment**: an establishment where, despite animals showing no obvious symptomatology (abortions), the presence of the disease is suspected due to positive results to no more than 1 PCR and/or antibody detection tests for *C. burnetii*, either in serum or in milk from the tank.
- **Negative establishment**: an establishment in which no infection is detected, and the premises of the previous categories are not present.

Diagnostic/analytical methods used

PCR, Serology (ELISA).

40.2. Measures in place[147]

In positive holdings, the control plan may include some control measures such as vaccination, certain animal movement restrictions, biosafety measures such as manure management, cleaning and disinfection of the facilities, etc.

Other recommendations for control measures include animal isolation during pre- and post-partum period, removal of placentas, abortions and dead animals, to avoid entrance of dogs, cats and other wild animals, parasitic treatment for external use, to avoid the use of common pastures with positive holdings, to avoid male exchange between flocks, biosafety measures for workers of the holding and animal transporters, heat treatment for milk from positive holdings destined to human consumption, etc.

40.3. Notification system in place to the national competent authority[148]

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, and Royal Decree 1940/2004.

[147] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[148] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

40.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[149]

See table.

40.5. Additional information

It is important to promote a strategic harmonization of surveillance efforts in the whole EU.

[149] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

41. General evaluation: West Nile

41.1. History of the disease and/or infection in the country[150]

West Nile virus circulation in Spain is known since 1980's, but the first human case was identified retrospectively in a person who had clinical disease in 2004. It was formally included as a notifiable disease in 2015. Until 2019, only few sporadic human cases had been notified (2010 and 2016). In 2020 an unprecedented increase of human cases was observed. All human cases had been exposed in Southwest Spain. Since then, there have been human cases every season (2020-2024), not only in Southwest Spain but also on the Mediterranean coast.

41.2. Evaluation of status, trends and relevance as a source for humans[151]

West Nile virus is known to be circulating in Southwest Spain and Mediterranean coast locations in its zoonotic cycle. This poses a risk of human disease in people who are exposed to mosquito bites in those areas, where the risk is considered to be moderate. There is a possibility of spreading into new areas. The risk for humans is higher during mosquito season (from April to November), specially at the end of summer and beginning of autumn.

41.3. Any recent specific action in the Member State or suggested for the European Union[152]

A National preparedness and response plan has been developed in 2023.

https://www.sanidad.gob.es/areas/alertasEmergenciasSanitarias/preparacionRespuesta/Plan_Vectores.htm

Local Public Health agencies are also developing specific plans at their territories.

41.4. Additional information

The lineage identified in human cases in Spain to the date, has been lineage 1.

[150] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[151] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[152] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

42. Description of Monitoring/Surveillance/Control programmes system: West Nile in animals

42.1. Monitoring/Surveillance/Control programmes system[153]

The National Surveillance Plan for West Nile Virus in animals was first developed and implemented in 2007. The plan is risk-based and focused on areas where there are favourable climatic and environmental conditions for the breeding and survival of the competent vector Culex, taking into account also the presence of migratory waterfowl spp. described as possible reservoir, as they may play an important role in the spread of the virus between different geographical regions. Humid areas such as river basins, deltas or lakes with an abundance of migratory birds and mosquitoes are the optimal habitats for the circulation of the disease and are, therefore, the areas considered at higher risk and the areas where surveillance is focused.

The surveillance plan also considers the equids as sentinels, mainly in the areas at higher risk, given they are more exposed to the bite of the vector than humans for being more in contact with the environment.

The results of the surveillance plan will determine the absence or presence of virus circulation, and, in the end, will inform for an effective response through the adoption of a series of preventive measures aimed at preventing the risk posed to animal health and the risk posed to public health.

The objectives of the surveillance plan are:

- To detect the presence of viral circulation in an area, so that the areas at higher risk in which the disease is present can be identified as soon as possible.
- To have information that allows to assess the risk of occurrence of the disease, in order to give an effective response to prevent impact on animal health and public health.

Sampling Strategy

The National Surveillance Plan includes surveillance in birds, equids and mosquitoes.

Surveillance in equidae comprises a passive component based on awareness campaigns and the investigation of those animals showing symptoms compatible with the disease and active component based on systematic sampling from sentinel animals located in geographical areas considered to be at higher risk (mainly the areas near the Doñana National Park, the Ebro Delta and the wetlands of Catalonia, Valencia, Murcia and the Balearic Islands).

[153] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

Given the seasonal nature of the disease, which coincides with the mosquito activity season, the plan is activated from March-April until late autumn.

Surveillance of birds is carried out in an attempt to early detect the presence of the virus and covers active and passive surveillance in domestic and wild birds, also focused in high-risk areas.

Surveillance of mosquitoes Culex is carried out with a double objective: identification and distribution of vectors and early detection of the virus.

Type of samples

In domestic and wild birds:

- **Active surveillance**: serum samples, cloacal and/or tracheal swabs, and feather samples
- **Passive surveillance**: brain samples, cloacal and/or tracheal swabs, and feather samples.

In equids:

- **Active surveillance**: serum samples
- **Passive surveillance**: blood and serum samples. When possible, or in the event of animal death, cerebrospinal fluid and/or tissue/organ samples may be taken.

Case definition

- A suspected case complemented with a positive result for IgM by ELISA at the National Reference Laboratory.
- Positive RT-PCR result

Diagnostic/analytical methods used

SNT, Elisa IgM and IgG, and PCR

42.2. Measures in place[154]

- Early notification of suspicions and confirmed cases.
- Strengthen passive surveillance in equine farms in the area where the virus has been detected

[154] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

- Housing of animals during peak activity hours of vectors, as well as vector control measures in the environment in high-risk areas, through the use of disinfectants.
- Vaccination of equines, especially in those areas considered to be at greater risk
- No animal restrictions are applicable.

42.3. Notification system in place to the national competent authority[155]

According to Implementing Regulation 2020/2002, Royal Decree 779/2023 establishing the list of notifiable animal diseases and regulating their notification, and by Animal Health Law 8/2003.

42.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[156]

Between 2010 and 2024, lineage 1 of West Nile Virus has been detected in birds and in various equine holdings. In October 2017, lineage 2 of the virus was first detected in a bird, the common goshawk, which presented clinical symptoms, and has also been detected in 2020-2024 in wild birds and equines and 1 time in Culex.

From the phylogenetic results obtained to date in isolates from different years and geographical areas of circulating WNV viruses in Spain, it can be concluded that:

- Molecular and epidemiological data suggest that the first introduction of WNV in the western Mediterranean region was possibly through migratory birds.
- The WNV isolates characterized in Spain between 2007 and 2016 are distributed in at least two clusters within the group of isolates from the western Mediterranean (Wmed-1 and Wmed-2), of which the Wmed-2 cluster, which caused the first isolated from Spain, seems to have become extinct, at least in our territory, as no sequence after 2008 is grouped in it.
- The virus does not need new introductions from other territories to produce new outbreaks, given that it continues to circulate endemically in the Iberian Peninsula.
- Phylogenetic studies suggest at least 2 introductions in our country from other areas of the Mediterranean.
- Lineage 1 is currently present in Spain in the centre and south of the peninsula and lineage 2 in the northeast. In 2024, linage 2 was found in animals in the south of Spain. The summary of the 2024 season can be consulted in the following link:

  20250131_ERR_Nilo_Occidental.pdf

42.5. Additional information

The following link includes additional information on the disease:

[155] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[156] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/sanidad-animal/enfermedades/fiebre-nilo-occidental/F_O_Nilo.aspx

The following link includes additional information of the risk in Spain analysed by CSIC-Estación Biológica de Doñana (EBD) in 2024:

https://www.mapa.gob.es/dam/mapa/contenido/ganaderia/temas/sanidad-animal-e-higiene-ganadera/una-salud--one-health/analisisderiesgofno.pdf

The following link includes additional information on The following link includes additional information on the disease and on the risk analysis carried out in Spain in September 2021 by the Coordinated Centre for Alerts and Emergencies of the Ministry of Health in coordination with MAPA:

https://www.mscbs.gob.es/profesionales/saludPublica/ccayes/alertasActual/docs/20210902_ERR_Nilo_Occidental.pdf

43. General evaluation: *Toxoplasma* spp.

43.1. History of the disease and/or infection in the country[157]

Toxoplasmosis in production animals has been associated classically to the production of miscarriage. The main source of infection is linked to the contamination of feed by cat faeces, although the use of dung in natural fertilization of pastures has to be considered as an important source of infection for adults.

For humans, there are two main sources of infection: contact with cats and consumption of vegetables, water or animal products, mainly sheep and pig meat.

In the 60's and 70's, studies in some regions of Spain detected prevalence between 12-45% in sheeps; between 11- 42% in pigs; and between 14-36% in cattle. More recent studies refer the prevalence between 30-57% in sheeps; between 41-62% in pigs; and between 25-43% in cattle. In cats, the incidence founded by private clinics is close to 30%.

43.2. Evaluation of status, trends and relevance as a source for humans[158]

Main sources of infection for humans are cats and consumption of meat insufficient cooked.

43.3. Any recent specific action in the Member State or suggested for the European Union[159]

Surveillance according to Directive 2003/99/EC. Primary prevention of the disease with recommendations to prevent infection during pregnancy in humans.

At human level congenital toxoplasmosis is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

43.4. Additional information

Further studies on the incidence of congenital toxoplasmosis are needed.

[157] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[158] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[159] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

44. Description of Monitoring/Surveillance/Control programmes system: *Toxoplasma* spp.

44.1. Monitoring/Surveillance/Control programmes system[160]

There is no *Toxoplasma* spp. Monitoring/Surveillance/Control programme in animals. Testing is carried out based on compatible symptoms. If the epidemiological situation changes, a monitoring/surveillance/control programme will be developed.

44.2. Measures in place[161]

44.3. Notification system in place to the national competent authority[162]

44.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[163]

44.5. Additional information

[160] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[161] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[162] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[163] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

45. Food-borne Outbreaks

45.1. System in place for identification, epidemiological investigations and reporting of food-borne outbreaks[164]

The National Epidemiological Surveillance Network was created by Royal Decree 2210/1995, December 28th. The outbreak system is a basic system within this Network. The reporting of a summary of every investigated outbreak is mandatory. All the outbreaks must be reported immediately at the regional level. At national level it is mandatory to report immediately only those outbreaks which, by law, are defined as being supra-regional (considered to be of national interest), whereas the rest of the outbreaks have to be quarterly reported.

45.2. Description of the types of outbreaks covered by the reporting[165]

The Spanish System covers all type of outbreaks (household, general and multi-country outbreaks) and due to any agent (biological, chemical, etc.)

45.3. National evaluation of the reported outbreaks in the country[166]

In 2024 a total of 805 food-borne outbreaks (producing 11838 cases) have been reported to the National Epidemiological Surveillance Network in Spain.

The number of outbreaks due to norovirus in 2024 increased compared with 2023.

The number of outbreaks due to Staphylococcal toxins increased compared with 2023.

The number of human cases due to *Escherichia coli* (other than STEC) in 2024 increased compared with 2023, 11 out of these 15 reported outbreaks included more than 20 cases each, with three of them having more than 100 cases each.

45.4. Descriptions of single outbreaks of special interest[167]

Salmonella is the agent more frequently involved in foodborne outbreaks. The most frequent food item mentioned was eggs and eggs products.

[164] Describe the system and procedures for identifying, investigating, and reporting foodborne outbreaks in the reporting country. Include the authorities and institutions involved, their roles, coordination between authorities, the legal basis for activities, mandatory and voluntary activities, and reporting frequency. Note any changes to the national reporting system since the last report, including new case definitions.

[165] Outline any differences between the national system and the EU system. For example, if the national system does not record household outbreaks or differentiate between general and household outbreaks, mention this. Also, note in this section if outbreaks caused by toxins are not reported to the national system or if outbreaks caused by unknown agents are collected and reported to EFSA.

[166] Describe trends in the number of outbreaks and human cases. Explain the relevance of different causative agents, food categories, and agent/food category combinations, as well as the relevance of different food production and preparation locations. Evaluate the severity of human cases and note whether the number of outbreaks and cases has increased, decreased, or remained stable over the years. Discuss possible reasons for observed trends, such as changes in food consumption or trade patterns. Characterize the severity of disease by reporting deaths, illnesses, and hospitalizations, and present trends over several years to evaluate the public health impact. Report the distribution of outbreaks by location of exposure and the relevance of different locations, including possible trends.

[167] Report foodborne outbreaks of special interest with relevant details. If a reported outbreak is part of a multi-country outbreak, describe and comment on this information.

45.5. Control measures or other actions taken to improve the situation[168]

Outbreak investigations as well as necessary control measures are carried out by the health authorities of the regions. When the outbreak involved more than one Autonomous Region the coordination of the outbreak investigation is done at national level.

45.6. Any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation[169]

45.7. Additional information[170]

Information about places of food production and preparation is not available at national level.

[168] Describe control measures or other actions taken at the national level to control or prevent foodborne outbreaks during the reporting year. If available, include evaluations of the effectiveness of these measures.

[169] Provide any suggestions to the EU risk managers on proposed actions related to either specific outbreaks or reporting of data.

[170] Provide any other information relevant to foodborne outbreaks.

46. Description of Monitoring/Surveillance/Control programmes system: Histamine in foodstuff

46.1. Monitoring/Surveillance/Control programmes system[171]

As the control of Histamine in fishery products with a high amount of histidine is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting Histamina in imported food and responsible for the surveillance plan that annually carry out by the inspection staff at the BCP's

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

46.2. Measures in place[172]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

46.3. Notification system in place to the national competent authority[173]

Yes. Please refer to Prevalence Tables.

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[171] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[172] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[173] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

46.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[174]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

46.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

[174] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

47. Description of Monitoring/Surveillance/Control programmes system: *Cronobacter* in foodstuff

47.1. Monitoring/Surveillance/Control programmes system[175]

As the control of Cronobacter in dried infant formulae and dried dietary foods is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

47.2. Measures in place[176]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

47.3. Notification system in place to the national competent authority[177]

Yes. Please refer to Prevalence Tables.

[175] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[176] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[177] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

47.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[178]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

47.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

[178] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

48. Description of Monitoring/Surveillance/Control programmes system: Staphylococcal enterotoxins in foodstuff

48.1. Monitoring/Surveillance/Control programmes system[179]

As the control of Staphylococcal enterotoxins in cheeses, milk powder and whey powder is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

For more information on this plan, please refer to the following link:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

48.2. Measures in place[180]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

48.3. Notification system in place to the national competent authority[181]

Yes. Please refer to Prevalence Tables.

[179] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[180] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[181] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

48.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[182]

Detailed results of each Autonomous Community will be published by AESAN in the 2024g Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

48.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

[182] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

49. General evaluation: *Cysticercus* spp.

49.1. History of the disease and/or infection in the country[183]

Cysticercosis in Spain is a rare disease, but of great importance due to the neurological alterations caused by cysticerci in the CNS.

49.2. Evaluation of status, trends and relevance as a source for humans[184]

It is a zoonosis usually acquired through consumption of meat contaminated with tapeworm eggs.

49.3. Any recent specific action in the Member State or suggested for the European Union[185]

The cysticercosis of major public health importance is porcine cysticercosis (*Taenia solium*), so preventive measures will mainly target pigs.

- Avoid exposure of pigs to environments contaminated with human faeces.
- Proper treatment of wastewater used for irrigation or fertilisation of land used for fodder production or pig feed cultivation has been adequately treated to inactivate *T. solium* eggs.
- Improved biosecurity measures on pig farms, and treatment with anthelmintics where indicated.
- Educate food handlers on proper hygienic habits to avoid food contamination.
- Vaccination of pigs in high prevalence areas.
- Improvements in post-mortem inspection of pig carcasses at the slaughterhouse.
- Measures such as cooking food to an appropriate temperature (at least 70°C) and proper hand washing by food handlers are essential to prevent infection.

49.4. Additional information

Cysticercosis cases in the EU are considered to be underestimated due to the low sensitivity of post-mortem inspection as the only diagnostic method.

[183] Provide the description of history of the disease, stating whether a disease is (hyper) endemic, eradicated, or if sporadic cases occur in human population/animals. Historical epidemics (if any) can be described in general.

[184] Provide the epidemiological evaluation (trends and sources) over time until current situation for the different relevant matrixes (food, animal). If relevant specify the official "disease status" (e.g. brucellosis in cattle and small ruminants) for the whole country and/or specific regions within the country.

[185] Describe the actions and measures undertaken to control specific zoonoses during the last five years. These actions and measures could include implementation of new legislation, recommendations issued, new control and monitoring programmes, etc. suggestions to the EU for the actions to be taken – this item provides an opportunity to propose measures to be taken by risk managers at EU level. Typically, this could involve suggestions for new EU legislation.

50. Description of Monitoring/Surveillance/Control programmes system: *Cysticercus* spp.

50.1. Monitoring/Surveillance/Control programmes system[186]

The control of *Cysticercus* is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

50.2. Measures in place[187]

Official controls performed by regional health authorities in every Autonomous Community.

50.3. Notification system in place to the national competent authority[188]

Yes. Please refer to Prevalence Tables

50.4. Results of investigations and national evaluation of the situation, the trends and sources of infection[189]

Detailed results of each Autonomous Community will be published by AESAN in the 2024 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2024).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

50.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances

[186] Describe the monitoring/surveillance/control programmes in relation to the sampling scheme applied (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) and the testing scheme used to assign and define cases (case definition, diagnostic/analytical methods used, limit of detection of the method, diagnostic flow e.g. parallel testing or serial testing). If programme is approved by the EC, please provide link to the specific programme in the Commission`s website.

[187] Report the control program/strategies in place. If programme is approved by the EC, please provide link to the specific programme in the Commission`s website. When relevant include a description of measures taken in case of positive findings, and any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation. Control programmes run by the industry/food business operators may also be included. The nature of the control programmes should be described, including whether the programme is, for example, voluntary or mandatory, national or regional, approved by the EU or at national level or co-financed. The main features of the programme should be given. It is advisable to report the information derived from official programmes and from programmes run by the industry separately.

[188] If a notification system is in place, give a description, including its legal basis and whether the notification is mandatory or not. Mandatory: Yes/No.

[189] Provide the results for minimum five years. Evaluate the significance of positive findings in food, and their connection to human cases (as a source of infection).

incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on *Cysticercus* in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

51. Institutions and laboratories involved in antimicrobial resistance (AMR) monitoring and reporting[190]

Spanish Ministry of Agriculture, Fish and Food (**MAPA**), through the Sub-directorate General for Animal Health, Hygiene and Traceability is the central competent authority for the monitoring and reporting AMR in primary production. The ACs are responsible for sampling.

Spanish Agency of Food Safety and Nutrition (**AESAN**), through the Sub-directorate General for Official Control and Alerts, is the central competent authority for the monitoring and reporting AMR in food.

Spanish Ministry of Health (**MS**), through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and AMR in isolated strains founded in imported food and responsible for the samples obtained from the BCP's.

The Central Veterinary Laboratory (**CVL**) of MAPA is the National Reference Laboratory (NRLs) for AMR in primary production, which is involved in isolations and antimicrobial susceptibility testing (AST) of relevant isolates.

The National Food Centre (**CNA**) of AESAN the National Reference Laboratories (NRLs) for AMR in food is involved in antimicrobial susceptibility testing (AST) of relevant isolates.

The Barcelona Public Health Agency Laboratory (**LASPB**), the Catalan Public Health Agency Laboratory in Tarragona (LASPCAT-Tarragona) and the Catalan Public Health Agency Laboratory in Girona (LASPCAT-Girona), all of them laboratories of the Autonomous Community of Catalonia, are involved in antimicrobial susceptibility testing of relevant isolated strains of *E. coli* for AMR in food.

The Valencian Public Health Laboratory (**LSPV**) is involved in antimicrobial susceptibility testing of relevant isolated strains of *E. coli* for AMR in food.

The National Centre of Microbiology (**CNM**) of Charles III Institute (Ministry of Science and Innovation) is involved in antimicrobial susceptibility testing of relevant isolated strains of Salmonella and Campylobacter from human samples.

The **VISAVET** Health Surveillance Centre is a centre for research support belonging to the Complutense University of Madrid and is involved in antimicrobial susceptibility testing of relevant isolated strains of E. coli and Salmonella for AMR in food. It is also involved in antimicrobial susceptibility testing of MRSA for AMR monitoring of isolates from broiler meat.

[190] Short description of the institutions and laboratories involved in data collection and reporting.

52. General Antimicrobial Resistance Evaluation

52.1. Situation and epidemiological evolution (trends and sources) regarding AMR to critically important antimicrobials[191] (CIAs) over time until recent situation

No clear, ascending or descending trend is observed. In Spain, resistance levels are generally high even for critical antibiotics. Nevertheless, in 2023 the evolution of Key Outcome Indicators (KOI) data suggests an improvement in antimicrobial resistance in Spain in recent years.

52.2. Public health relevance of the findings on AMR in food-producing animals and related foodstuffs

The high volume of use of antibiotics in food-producing animals contributes to the development of antimicrobial-resistant bacteria, particularly in intensive animal production. Antimicrobial-resistant infections in humans can cause longer illnesses, increased frequency of hospitalization, and treatment failures that can result in death. Some types of bacteria have already developed multiresistance, even the critical antibiotics are not the available to treat these infections. For these reasons, this is a crucial problem we need to face in the coming years and more studies are necessary.

52.3. Recent actions taken to control AMR in food producing animals and foodstuffs

- Royal Decree 666/2023, dated July 18, regulates the distribution, prescription, dispensing, and use of veterinary medicines. The regulation is aimed at ensuring the prudent and responsible use of veterinary medicines throughout the distribution chain, with the primary objective of combating antimicrobial resistance and reducing the need for the use of antimicrobial medicines.
- Royal Decree 992/2022 for the sustainable use of antibiotics in livestock species has been published, aiming to promote sustainable use of these medications in said species. The purpose of this Royal Decree is to establish national measures to reduce antibiotic consumption in the field of livestock species, based on the establishment of a national reference consumption value defined according to species and zootechnical classification. Farms must approximate their consumption to this value, and various measures will be implemented depending on the percentage by which this limit is exceeded.
- With the aim of ensuring that the farmer has a real understanding of the antibiotic consumption in their operation, there is currently a module in PRESVET intended for the farmer. In this module, both the farmer and the veterinarian responsible for the livestock operation, with the owner's prior authorization, can access the antibiotic consumption data for their operation through a quarterly report.
- The livestock veterinarian stands as a fundamental figure in optimizing the use of antimicrobials, as their functions include advising and developing improvement proposals regarding the overall antibiotic consumption in the livestock operation. Royal

[191] The CIAs depends on the bacterial species considered and the harmonised set of substances tested within the framework of the harmonised monitoring: for *Campylobacter* spp., macrolides (erythromycin) and fluoroquinolones (ciprofloxacin) and carbapenems (ertapenem) and for *Salmonella* and *E. coli*, 3rd and 4th generation cephalosporins (cefotaxime, ceftazidime), fluoroquinolones (ciprofloxacin), colistin (polymyxin), macrolides (azithromycin), glycylcyclines (tigecycline) and carbapenems (meropenem).

Decree 364/2023 defines the functions of the livestock veterinarian, including advising and developing improvement proposals on the overall antibiotic consumption in the livestock operation, as well as raising awareness about antimicrobial resistance and its consequences.

52.4. Any specific action decided in the Member State or suggestions to the European Union actions to be taken against foodborne AMR threat

52.5. Additional information

53. Analytical methods used for the isolation and confirmation[192] of bacterial agents per sample type

53.1. Meat samples

53.1.1. ESBL- or AmpC- or CP-producing *E. coli*

Laboratory methodology:

- Isolation of ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019).
- Biochemical probes for the detection and confirmation of isolated strains of presumptive ESBL, AmpC and carbapenemase producing *E.coli*
- Antimicrobial Sensitivity Test by microdilution for the phenotipical characterization of resistance based on ISO 20776.

NRL, Centro Nacional de Alimentación (CNA).

- The Barcelona Public Health Agency Laboratory (LASPB): Isolation, biochemical probes and antimicrobial sensitivity test
- The Catalan Public Health Agency Laboratory in Girona (LASPCAT-Girona): Antimicrobial sensitivity test
- The Catalan Public Health Agency Laboratory in Tarragona (LASPCAT-Tarragona): Isolation and biochemical probes
- The Valencia Public Health (LSPV): Isolation, biochemical probes and antimicrobial sensitivity test by microdilution.

EURL AR protocol (no variations) for samples taken at the BCPs. Commercial plates (ChromID CARBA SMART, Biomérieux).

53.1.2. *Salmonella* spp.

ISO 6579-1:2017.

53.1.3. Commensal indicator *E. coli*

Direct plating on commercial plates (Mac Conkey agar, Biomérieux). BCP's samples.

53.2. Caecal samples

53.2.1. *Campylobacter jejuni/coli*

[192] Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. Report the methods used for the detection and confirmation of *Salmonella*, *Campylobacter*, *E. coli* and any other bacteria included in the monitoring. For the specific monitoring on carbapenemase producers, the selective media used (commercial plates, in-house media) should also be reported here. In general, any variation from the EURL-AR protocols should be stated here.

A sterile swab with the faeces samples is used to inoculate into an agar plate mCCDA (Oxoid). The plates are incubated in microaerophilic at 42º for 48 hours.
Identification by PCR

53.2.2. *Salmonella* spp.

53.2.3. Isolation and identification according to EN/ISO 6579-1Indicator commensal *E. coli*

Inoculation of Agar McConkey and incubation at 37ºC during 18-20h.
Identification by PCR

53.2.4. ESBL- or AmpC- or CP-producing *E. coli*

EURL

53.2.5. CP-producing *E. coli*

EURL

53.3. Environmental samples in stables

53.3.1. *Salmonella* spp.

54. Laboratory methodology used for the detection of AMR[193]

54.1. *C. jejuni/coli*

Established in Decision 2020/1729/EU

Chloramphenicol, ciprofloxacin, ertapenem, erythromycin, gentamicin, tetracycline

Cut-off values used in testing

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Table 3 of Decision 2020/1729/ EU to determine the sensitivity of Campylobacter spp. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006). EN 14.11.2013 Official Journal of the European Union L 303/33.

54.2. *Salmonella* spp.

Antimicrobials included in monitoring

They are established in Decision 2020/1729/EC.

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2020/1729/ EU to determine the sensitivity of *Salmonella* spp. and *E. coli*. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006). EN 14.11.2013 Official Journal of the European Union L 303/33.

ISO 20776-1:2019 for samples taken in BCPs. VISAVET laboratory follows the Decision 2020/1729 and apply all the variations stated in the EURL-AR (if they represent a change with respect to the Decision).

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, cefoxitin, ertapenem, imipenem and temocilin.

Cut-off values used in testing: The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Decision 2020/1729EU to determine the sensitivity of Salmonella. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (EUCAST)) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2019).

[193] Antimicrobials included in monitoring and cut-off values used in testing can be reported. According to the legislation, the protocols developed by the EURL-AR should be used and reported here.

54.3. Indicator commensal *E. coli*

Antimicrobials included in monitoring:

They are established in Decision 2020/1729/EC.

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2020/1729 / EU to determine the sensitivity of *Salmonella* spp. and *E. coli*. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006). EN 14.11.2013 Official Journal of the European Union L 303/33.

ISO 20776-1:2019 for **samples taken in BCPs**. VISAVET laboratory follows the Decision 2020/1729 and apply all the variations stated in the EURL-AR (if they represent a change with respect to the Decision).

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, cefoxitin, ertapenem, imipenem and temocilin.

Cut-off values used in testing: The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Decision 2020/1729EU to determine the sensitivity of E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (EUCAST)) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2019)

54.4. ESBL- or AmpC- or CP-producing *E. coli*

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, cefoxitin, ertapenem, imipenem, temocilin cefotaxime/clavulanic acid and ceftazidime/clavulanic acid.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Decision 2020/1729EU to determine the susceptibility of E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (EUCAST)) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2019) .EN 14.11.2013 Official Journal of the European Union L 303/33.

ISO 20776-1:2019 for **samples taken in BCPs**. VISAVET laboratory follows the Decision 2020/1729 and apply all the variations stated in the EURL-AR (if they represent a change with respect to the Decision).

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, cefoxitin, ertapenem, imipenem and temocilin.

Cut-off values used in testing: The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Decision 2020/1729EU to determine the sensitivity of E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (EUCAST)) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2019).

55. Library preparation used[194]

55.1. *C. jejuni/coli*

55.2. *Salmonella* spp.

55.3. Indicator commensal *E. coli*

55.4. ESBL- or AmpC- or CP-producing *E. coli*

Not applicable. Data are not reported by WGS.

[194] The library preparation used is mandatory when whole genome sequencing (WGS) data are reported. Member States should report the library layout: whether to expect SINGLE or PAIRED end reads.

56. Version of the predictive tool[195]

56.1. *C. jejuni/coli*

56.2. *Salmonella* spp.

56.3. Indicator commensal *E. coli*

56.4. ESBL- or AmpC- or CP-producing *E. coli*

Not applicable. Data are not reported by WGS.

[195] The version of the predictive tool is mandatory information when WGS data are reported. It allows Member States to report the version of the predictive tool used to identify the resistance genes responsible of the extended-spectrum beta-lactamase (ESBL)-, AmpC- or carbapenemase phenotype, when the analysis was performed.

57. General Description of the AMR-Monitoring in Fresh Meat at Retail[196]

57.1. General description of the sampling design and strategy [197]

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of E.coli Antimicrobial resistance is a National control programme. Sampling is mandatory for the Regional Authorities and voluntary for food business operators.

Regional Authorities have collected samples of fresh meat at retail and have sent them to the National reference Laboratory (Centro Nacional de Alimentación- CNA) for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Valencia has collected samples of fresh meat from retail and sent them for analysis to its own reference laboratory (the Valencia Public Health Laboratory (LSPV) for the monitoring of antimicrobial resistance according to Decision 2020/1729/EU on the surveillance and notification of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Catalonia has collected samples of fresh meat from retail and sent them for analysis to its reference laboratories (the Barcelona Public Health Agency Laboratory (LASPB), the Catalan Public Health Agency Laboratory in Tarragona (LASPCAT-Tarragona) and the Catalan Public Health Agency Laboratory in Girona (LASPCAT-Girona)) for the monitoring of antimicrobial resistance according to Decision 2020/1729/EU on the surveillance and notification of antimicrobial resistance in zoonotic and commensal bacteria.

The activities are made pursuant to Regulation (EC) no 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs must be established at all stages of production, processing and distribution). To this end, business operators are required to apply appropriate systems and procedures.

Sampling frequency:

450 samples of fresh meat per 2024, distributed in weekly samplings throughout the year and the different regions throughout the country (300 samples of fresh broiler meat and 150 of fresh turkey meat in total).

115 and 72 strains of ESBL/AmpC producing *Escherichia coli* were isolated by CNA from the 208 fresh poultry and turkey meat samples received.

The Autonomous Community of Catalonia collected samples of fresh meat evenly distributed throughout the year for analysis. Of the 85 fresh meat samples received, beta-lactamase-producing *E. coli* was detected in 32 of them.

[196] Each category of meat (broiler meat, turkey meat, pig meat, bovine meat) should be reported under each heading.

[197] Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing or whole genome testing. Method used for collecting and collating data at the national level.

The Autonomous Community of Valencia was collected 52 samples of fresh meat throughout the year of which 14 strains of ESBL/AmpC producing *Escherichia coli* were isolated by LSPV.

Type of specimen taken:

According to the Commission Implementing Decision 2020/1729 and Technical specifications, the type of sample taken is fresh meat.

Type of sampling:

Food sample meat, prospective sampling

Sampling method:

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

In the Autonomous Community of Valencia, fresh meat (not frozen) packaged and exposed for sale to the consumer at retail level, with a minimum weight of 100g has been sampled. Subsequently, the samples have been introduced into a secondary container to protect them individually. One sample is taken per batch and with a sufficient expiration date to guarantee the analysis time.

In the Autonomous Community of Catalonia, fresh meat (not frozen) packaged and exposed for sale to the consumer at retail level, with a minimum weight of 100g has been sampled. Subsequently, the samples have been introduced into a secondary container to protect them individually. One sample is taken per batch and with a sufficient expiration date to guarantee the analysis time.

Procedures for the selection of isolates for the antimicrobial test:

Inoculate one loop-full (10 µl loop) of the overnight culture (BPW) by applying a single streak onto a MacConkey agar plate containing 1 mg/L cefotaxime (CTX) and inoculating one loopful (10 µl loop) of the incubated preenrichment culture in BPW onto suitable selective agars for the isolation of presumptive carbapenemase producing *E.coli.* Reference PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing Escherichia coli from fresh meat Version 7 (December 2019

Methods used for data collection:

AESAN uses two different ways for transmitting AMR data to Data Collection Framework:

- a computer application developed by MAPA, where CNA (AESAN's NRL) introduces AMR data and have been technically revised and transmitted as XML by AESAN.

- the provided AMR Excel-Tool fulfilled by the Autonomous Community of Valencia and Autonomous Community of Catalonia which have been technically revised and transmitted as XML by AESAN.

57.2. Stratification procedure of the meat category

The criteria for the selection of the autonomous communities to collect the samples are based on population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population.

Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to Autonomous Communities.

Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket.

The established selection criteria by the Autonomous Community of Valencia in order to assign the number of samples is based on the density of inhabitants living in the area and the food marketed volume of each establishment.

The established selection criteria by the Autonomous Community of Catalonia in order to assign the number of samples is based on the proportional distribution of the samples to each of the provinces, taking into account the number of inhabitants in each province.

57.3. Randomisation procedures in the meat category including numbers of samples planed and taken per bacterial agent

57.3.1. ESBL- or AmpC- or CP-producing *E. coli*

Population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population.

Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to 13 Autonomous Communities.

Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket.

Epidemiological unit: product batch. It can be taken up to 5 different lots of the same product in one visit to the establishment.

The competent Authorities of the Autonomous Communities take samples of fresh meat at retail trade and the CNA (NRL) isolates E.coli strains and performs the antibiogram.

In the Autonomous Community of Valencia the sample collection is done randomly among the products sold in the supermarket.

In the Autonomous Community of Catalonia the sample collection is done randomly among the retail sales in the corresponding provinces.

57.4. Results of the monitoring[198]

57.4.1. ESBL- or AmpC- or CP-producing *E. coli*

CNA:

- 313 samples: 208 of Broiler meat and 105 of Turkey meat
- Isolate of 115 strains of beta-lactamase-producing *E. coli* in Broiler meat and 72 strains of beta-lactamase-producing *E. coli* in Turkey meat

Catalonia:

- 85 samples: 57 of Broiler meat and 28 of Turkey meat
- Isolate of 28 strains of beta-lactamase-producing *E. coli* in Broiler meat and 4 strains of beta-lactamase-producing *E. coli* in Turkey meat

Valencia:

- 52 samples: 35 of Broiler meat and 17 of Turkey meat
- Isolate of 10 strains of beta-lactamase-producing *E. coli* in Broiler meat and 4 strains of beta-lactamase-producing *E. coli* in Turkey meat

57.5. Additional information

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.
For more information, please refer to:

http://www.resistenciaantibioticos.es/es

[198] A short assessment of the reported results can be provided in the narrative part. This analysis may cover a comparison of the current results with those from previous years in order to identify any trends.

58. General Description of the AMR-Monitoring in Fresh Meat at Border Control Posts[199]

58.1. General description of the sampling design and strategy[200]

The control programme in place in Spain for monitoring of Salmonella Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

Due to the lack of consignments of imported turkey meat, only samples of broilers fresh meat had been taken in the BCP's. According to TRACES data, in 2024 no turkey meat was imported to Spain.

In the case of imported broiler meat, nearly 90% of the consignments came from Brazil. The rest of consignments came from UK and Argentina.

Stage of sampling and sampling frequency:

According to the Commission Implementing Decision 2020/1729 and technical specifications, the frequency of sampling in BCP's for fresh broiler meat was fixed in approximately 3% of the consignments. Nevertheless, this year 2024, the total number of samples analysed increased compared to 2022, due to an increase in the budget dedicated to analysis activities. The total number of consignments sampled was 37.

Type of sample:

Food sample meat, prospective sampling.

Sampling method:

Samples were taken randomly at BCP's according to an established frequency and technical procedure by Official Inspectors. Samples should be taken during the year, trying to take samples each month.

Procedures for the selection of isolates for the antimicrobial test:

There is no pre-selection of isolates. Each meat sample of fresh broiler meat taken at the BCPs was tested for *Salmonella* and *E. coli* presence (25gr of sample). If any isolate is founded, it is subsequently tested for ARM resistance (panel 2 Commission Implementing Decision 2020/1729).

[199] The reason for not reporting AMR data for a specific animal population or meat category included in the mandatory monitoring, should be stated in the text form. For example, if no consignments of fresh meat of a specific animal category were not received by the Member State. Each category of meat (broiler meat, turkey meat, pig meat, bovine meat) should be reported under each heading.

[200] Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing or whole genome testing. Method used for collecting and collating data at the national level.

Methods used for data collection:

MS uses the Excel Tool provided by EFSA for reporting AMR data from BCP's samples.

58.2. Stratification procedure of the meat category

The criteria followed by the Ministry of Health ensured a homogeneous distribution of samples under time, following the frequency recommendations of the Commission. In addition, it provided a stratified sampling without pre-selecting samples by its origin.

The criteria followed by the Ministry of Health ensured a homogeneous distribution of samples under time, following the frequency recommendations of the Commission. In addition, it provided a stratified sampling without pre-selecting samples by its origin.

58.3. Randomisation procedures in the meat category including numbers of samples planed and taken per bacterial agent

The BCP's Inspection Services under the coordination of the Ministry of Health take samples of imported fresh bovine meat at BCP level and the VISAVET Laboratory performs the isolation of *E. coli* strains and the antibiogram. The estimated total number of samples is obtained by applying the established frequency. Between 1 and 3 samples can be taken for batch of the inspected consignment.

For each sample taken, the laboratory performs one analysis for each bacterial agent included in the program for the current year.

58.3.1. *Salmonella* spp.

In 2024, approximately 3% of fresh broiler meat consignments were analysed for the detection of Salmonella spp. The total number of samples analysed was 87.

58.3.2. Indicator commensal *E. coli*

In 2024, approximately 3% of fresh broiler meat consignments were analysed for the detection of Indicator commensal *E. coli*. The total number of samples analysed was 87.

58.3.3. ESBL- or AmpC- or CP-producing *E. coli*

In 2024, approximately 3% of fresh broiler meat consignments were analysed for the detection of ESBL- or AmpC- or CP-producing *E. coli*. The total number of samples analysed was 87.

58.3.4. CP-producing *E. coli*

In 2024, approximately 3% of fresh broiler meat consignments were analysed for the detection of CP-producing *E. coli*. The total number of samples analysed was 87.

58.4. Results of the monitoring[201]

58.4.1. *Salmonella* spp.

In 2024, 87 samples from 37 consignments were analysed. Only in 2 samples *Salmonella* strains were isolated. The serotyping of this Salmonella strains was performed, revealing one *Salmonella enterica* subsp enterica serotype Agona (4, 12:f, g,s:-). This isolated was tested with the first panel and didn't show any resistance. The other strain serotyped revealed one *Salmonella enterica* subsp enterica serotype Minnesota (21:b:e,n,x). After been tested with first panel it showed resistance to sulfamethoxazole, ciprofloxacin, tetracycline, nalidixic acid, cefotaxime, ceftazidime, and ampicillin. After been tested with the second panel, it showed resistance to cefoxitin, cefotaxime with and without clavulanic acid and ceftazidime with and without clavulanic acid. This isolated is classified as compatible with AmpC or ESBL producing phenotype.

In 2022, samples from 21 consignments of fresh meat from broilers were collected at BCP's. Most of these consignments were divided in different batches, so the total number meat samples collected was 46 fresh meat samples from broilers. From these meat samples, we retrieved a total number of 12 Salmonella isolates. 8 of them were identified as presumptive AmpC-ESBL producers.

Considering that the country of origin for most of the samples is the same, Brazil, we could say that data shows a slightly improvement regarding both, the prevalence of Salmonella in fresh broiler meat and the number of resistant isolates.

58.4.2. Indicator commensal *E. coli*

In 2024, 87 samples from 37 consignments were analysed. Indicator commensal *E. coli* was isolated in 53 of the 87 samples. After the panel testing for ARM, 12 of the isolates showed resistances compatible with ESBL-, AmpC- producing *E. coli* phenotypes.

In 2022,46 food samples were taken and indicator commensal *E. coli*, was isolated in 32 of them.

From these 32 indicator commensal E.coli isolates, phenotypes compatible with ESBL-, AmpC-producing *E. coli* were detected in 10 of them.

58.4.3. ESBL- or AmpC- or CP-producing *E. coli*

In 2024, 87 samples from 37 consignments were analysed. Presumptive ESBL-, AmpC- and carbapenemase-producing Escherichia coli was isolated in 53 samples, showing resistances compatible with ESBL and AmpC producing *E. coli* phenotypes.

In 2022, 46 food samples were analysed and 39 presumptive ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* strains were detected and isolated.

In comparison to the data obtained in 2022, we can see a slightly diminution of the percentage of presumptive ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* strains for year 2024.

[201] A short assessment of the reported results can be provided in the narrative part. This analysis may cover a comparison of the current results with those from previous years in order to identify any trends.

58.4.4. CP-producing *E. coli*

No CP-producing *E. coli* isolates were retrieved from the samples analysed in 2024.

58.5. Additional information

59. General Description of the AMR-Monitoring of Laying-hen Flocks at Farm

59.1. General description of the sampling design and strategy[202]

Following point 2.2. of the Annex of Commission Regulation (EC) No 517/2011

59.2. Stratification procedure of the animal population

There were collected samples from each population of laying hens, broilers and fattening turkeys sampled in the framework of the national control programmes, established in accordance with Article 5(1) of Regulation (EC) No 2160/2003; they are sent to perform the antibiogram to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV).

59.3. Randomisation procedures in the animal population including numbers of samples planed and taken per bacterial agent

59.3.1. *Salmonella* spp.

All the strains coming from the official control in the frame of *Salmonella* National Control Programmes (SNCP) are gathered by the NRL who selects for antimicrobial testing no more than one isolate per salmonella serovar from the same epidemiological unit.
After that, in order to reach 170 isolates for each population, a number of strains coming from business operators in the frame of SNCP are selected and requested by the NRL if needed. The selection is made by using an informatics application developed by MAPA and taking into account the even distribution of the strains.

59.4. Results of the monitoring[203]

59.4.1. *Salmonella* spp.

See tables of results.

59.5. Additional information

[202] Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing or whole genome testing. Method used for collecting and collating data at the national level.

[203] A short assessment of the reported results can be provided in the narrative part. This analysis may cover a comparison of the current results with those from previous years in order to identify any trends.

60. General Description of the AMR-Monitoring of Broiler Flocks at Farm

60.1. General description of the sampling design and strategy[204]

Following point 2 of the Annex of Commission Regulation (EC) No 200/2012 of 8 March 2012 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium in broilers.

60.2. Stratification procedure of the animal population

There were collected samples from each population of laying hens, broilers and fattening turkeys sampled in the framework of the national control programmes, established in accordance with Article 5(1) of Regulation (EC) No 2160/2003; they are sent to perform the antibiogram to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV).

60.3. Randomisation procedures in the animal population including numbers of samples planed and taken per bacterial agent

60.3.1. *Salmonella* spp.

All the strains coming from the official control in the frame of *Salmonella* National Control Programmes (SNCP) are gathered by the NRL who selects for antimicrobial testing no more than one isolate per salmonella serovar from the same epidemiological unit.
After that, in order to reach 170 isolates for each population, a number of strains coming from business operators in the frame of SNCP are selected and requested by the NRL if needed. The selection is made by using an informatics application developed by MAPA and taking into account the even distribution of the strains.

60.4. Results of the monitoring[205]

60.4.1. *Salmonella* spp.

See tables of results.

60.5. Additional information

[204] Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing or whole genome testing. Method used for collecting and collating data at the national level.

[205] A short assessment of the reported results can be provided in the narrative part. This analysis may cover a comparison of the current results with those from previous years in order to identify any trends.

61. General Description of the AMR-Monitoring of Turkey Flocks at Farm

61.1. General description of the sampling design and strategy[206]

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of *Salmonella* Enteritidis and *Salmonella* Typhimurium in turkeys

61.2. Stratification procedure of the animal population

There were collected samples from each population of laying hens, broilers and fattening turkeys sampled in the framework of the national control programmes, established in accordance with Article 5(1) of Regulation (EC) No 2160/2003; they are sent to perform the antibiogram to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV).

61.3. Randomisation procedures in the animal population including numbers of samples planed and taken per bacterial agent

61.3.1. *Salmonella* spp.

All the strains coming from the official control in the frame of *Salmonella* National Control Programmes (SNCP) are gathered by the NRL who selects for antimicrobial testing no more than one isolate per salmonella serovar from the same epidemiological unit.
After that, in order to reach 170 isolates for each population, a number of strains coming from business operators in the frame of SNCP are selected and requested by the NRL if needed. The selection is made by using an informatics application developed by MAPA and taking into account the even distribution of the strains.

For turkeys, we had only 125 positive units in 2024 of which we were only able to collect 105 for AMR testing.

61.4. Results of the monitoring[207]

61.4.1. *Salmonella* spp.

See tables of results.

61.5. Additional information

[206] Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing or whole genome testing. Method used for collecting and collating data at the national level.

[207] A short assessment of the reported results can be provided in the narrative part. This analysis may cover a comparison of the current results with those from previous years in order to identify any trends.

62. General Description of the AMR-Monitoring of Broilers at Slaughterhouse

62.1. General description of the sampling design and strategy[208]

The control programme in place in Spain for monitoring of Campylobacter spp. antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2024 several caecal samples from broilers were gathered at slaughterhouses. The ACs took samples of caecum of broilers in slaughterhouses and they send them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) to perform the isolation, identification and perform the antibiogram.

62.2. Stratification procedure of the animal population

Previous to start the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

62.3. Randomisation procedures in the animal population including numbers of samples planed and taken per bacterial agent

62.3.1. *C. coli* and *C. jejuni*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.
Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

62.3.2. Indicator commensal *E. coli*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.
Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

[208] Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing or whole genome testing. Method used for collecting and collating data at the national level.

62.3.3. ESBL- or AmpC- or CP-producing *E. coli*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.
Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

62.3.4. CP-producing *E. coli*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.
Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

62.4. Results of the monitoring[209]

62.4.1. *C. coli*

See tables of results.

62.4.2. *C. jejuni*

See tables of results.

62.4.3. Indicator commensal *E. coli*

See tables of results.

62.4.4. ESBL- or AmpC- or CP-producing *E. coli*

See tables of results.

62.4.5. CP-producing *E. coli*

See tables of results.

62.5. Additional information

[209] A short assessment of the reported results can be provided in the narrative part. This analysis may cover a comparison of the current results with those from previous years in order to identify any trends.

63. General Description of the AMR-Monitoring of Turkeys at Slaughterhouse[210]

63.1. General description of the sampling design and strategy[211]

The control programme in place in Spain for monitoring of Campylobacter spp. antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2024 several caecal samples from turkeys were gathered at slaughterhouses. The ACs took samples of caecum of turkeys in slaughterhouses and they send them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) to perform the isolation, identification and perform the antibiogram.

63.2. Stratification procedure of the animal population

Previous to start the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 80 % of production in Spain, starting with the slaughterhouses of largest throughput. The percentage is higher than in broilers because in Spain there are far fewer turkey slaughterhouses than broiler slaughterhouses, and to make the sampling more geographically representative.

63.3. Randomisation procedures in the animal population including numbers of samples planed and taken per bacterial agent

63.3.1. *C. coli* and *C. jejuni*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.
Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

63.3.2. Indicator commensal *E. coli*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.

[210] The reason for not reporting AMR data for a specific animal population or meat category included in the mandatory monitoring, should be stated in the text form. For example, if the production of meat from turkey or meat from cattle under one year of age in the Member State is less than 10,000 tonnes per year and therefore monitoring of these animal categories is not mandatory.
[211] Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing or whole genome testing. Method used for collecting and collating data at the national level.

Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

63.3.3. ESBL- or AmpC- or CP-producing *E. coli*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.
Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

63.3.4. CP-producing *E. coli*

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.
Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

63.4. Results of the monitoring[212]

63.4.1. *C. coli*

See tables of results.

63.4.2. *C. jejuni*

See tables of results

63.4.3. Indicator commensal *E. coli*

See tables of results

63.4.4. ESBL- or AmpC- or CP-producing *E. coli*

See tables of results

63.4.5. CP-producing *E. coli*

See tables of results

[212] A short assessment of the reported results can be provided in the narrative part. This analysis may cover a comparison of the current results with those from previous years in order to identify any trends.

63.5. Additional information