

Cyprus

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

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

IN 2018

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 Cyprus during the year 2018.

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.

* 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

Animal species	Category of animals	Population			
		holding	animal	slaughter animal (heads)	herd/flock
Cattle (bovine animals)	Cattle (bovine animals)	364	69,036		364
	Cattle (bovine animals) - calves (under 1 year)		19,727		
	Cattle (bovine animals) - dairy cows		49,309		
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks, unspecified	9	138,438		22
	Gallus gallus (fowl) - broilers	78	10,261,056	10,238,949	1,385
	Gallus gallus (fowl) - laying hens	37	534,918		130
Goats	Goats	987	93,085		987
	Goats - animals over 1 year		165,851		
	Goats - animals under 1 year		36,658		
Pigs	Pigs	65			
	Pigs - breeding animals		29,165		
	Pigs - fattening pigs		314,780		
Sheep	Sheep	796	124,197		796
	Sheep - animals over 1 year		214,754		
	Sheep - animals under 1 year (lambs)		42,937		
Sheep and goats	Sheep and goats		242,918		1,065
Turkeys	Turkeys	7	31,950		10
	Turkeys - meat production flocks		31,950	20,798	10

DISEASE STATUS TABLES

Table Bovine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of herds with status officially free	Number of infected herds	Total number of herds
CYPRUS	328	0	359

Table Ovine or Caprine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of herds with status officially free	Number of infected herds	Total number of herds
CYPRUS	2,768	0	2,843

DISEASE STATUS TABLES

Table Bovine tuberculosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of herds with status officially free	Number of infected herds	Total number of herds
CYPRUS	312	0	359

PREVALENCE TABLES

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 of units positive
Not Available	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	each of the sample contains 5 units, donkey milk	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	1	Gram	N_A	ISO 10272-2:2017 Campylobacter	160	124	Campylobacter, unspecified sp.	124
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from supermarkets	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from supermarkets	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from supermarkets	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from pig - minced meat - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from supermarkets	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	each of the sample contains 5 units, donkey milk	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
		single (food/feed)	25	Millilitre	donkey milk	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0

Table COXIELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sampling Details	Method	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
CYPRUS	All animals - farmed - Farm - Not Available - Not Available - Clinical investigations - Official sampling - Suspect sampling	herd/flock	N/A	Staining	33	4	4	Coxiella	4

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 of units positive
Not Available	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	powdered cereal based food for infants over 4 months	ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Border inspection activities - Russia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	baby food over 4 months	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Ireland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Netherlands - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 22964:2017 Cronobacter	3	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - New Zealand - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0

Table Echinococcus:ECHINOCOCCUS 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 of units positive
CYPRUS	Mouflons - Natural habitat - Not Available - Not Available - Surveillance - Official sampling - Convenient sampling	N/A	Not Available	animal	20	0	Echinococcus granulosus complex	0

Table Escherichia coli:ESCHERICHIA COLI 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	ANTH	VTX	AG	N units positive
Not Available	Bakery products - pastry - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Frozen raw pastry from supermarkets	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	flour from supermarket, sampled together with raw pastries as a pilot project in light of relevant outbreak in North America	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	flour from supermarket	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Flaouna cheeses, traditional easter cheese that would normally be baked before eating, tested because of high E. coli count	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	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 - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Seafood salad tested because of high E. coli count	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Border inspection activities - China - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Frozen raw spring rolls	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - China - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Frozen raw spring rolls from supermarkets	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - India - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Frozen raw spring rolls from supermarkets	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Frozen raw spring rolls from supermarkets	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxinogenic E. coli (VTEC)	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 of units positive
CYPRUS	Birds - Natural habitat - Cyprus - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	Not Available	N_A	IgG ELISA	586	0	West Nile virus	0
	Solipeds, domestic - Farm - Cyprus - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	No	N_A	IgG ELISA	74	6	West Nile virus	6
	Solipeds, domestic - Farm - Cyprus - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	No	N_A	IgM-capture ELISA (MAC-ELISA)	6	0	West Nile virus	0

Table LISTERIA 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	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Bakery products - desserts - Border inspection activities - Syria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	N.A	2	0	detection	Listeria monocytogenes	2	0
	Bakery products - desserts - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	fresh desserts from bakeries and confectioneries	25	0	<= 100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Cheeses made from cows' milk - curd - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	27	0	detection	Listeria monocytogenes	27	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Netherlands - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	19	0	detection	Listeria monocytogenes	19	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	flaouna cheese, an easter traditional cheese, from supermarkets	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	3	0	detection	Listeria monocytogenes	3	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 of units tested	N of units positive
Not Available	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	25	0	detection	Listeria monocytogenes	25	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	flaouna cheese, an easter traditional cheese, from supermarkets	6	0	<= 100	Listeria monocytogenes	6	0
>100								Listeria monocytogenes	6	0	
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	32	0	detection	Listeria monocytogenes	32	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	64	0	detection	Listeria monocytogenes	64	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	8	0	detection	Listeria monocytogenes	8	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	detection	Listeria monocytogenes	3	0
haloumi and anari cheese from supermarkets					13	0	detection	Listeria monocytogenes	13	0	
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Finland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	20	0	detection	Listeria monocytogenes	20	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	flaouna cheese, an easter traditional cheese, from supermarkets	13	0	<= 100	Listeria monocytogenes	13	0
>100								Listeria monocytogenes	13	0	
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	7	0	detection	Listeria monocytogenes	7	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	17	0	detection	Listeria monocytogenes	17	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	13	0	detection	Listeria monocytogenes	13	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	3	0	detection	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	25	0	detection	Listeria monocytogenes	25	0
	Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	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 of units tested	N of units positive
Not Available	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Trachanas, a cyriot traditional dairy product	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented cream - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	8	0	detection	Listeria monocytogenes	8	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units, donkey milk	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	68	0	detection	Listeria monocytogenes	68	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	4	0	detection	Listeria monocytogenes	4	0
	Egg products - liquid - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	2	0	detection	Listeria monocytogenes	2	0
	Egg products - ready-to-eat - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	3	0	detection	Listeria monocytogenes	3	0
	Fish - marinated - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	2	0	detection	Listeria monocytogenes	2	0
	Fish - smoked - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	4	0	detection	Listeria monocytogenes	4	0
	Fish - smoked - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	<= 100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
	Fish - smoked - Retail - Denmark - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Fish - smoked - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	<= 100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
	Fish - smoked - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	detection	Listeria monocytogenes	3	0
	Fish - smoked - Retail - United Kingdom - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Fish - smoked - Retail - United Kingdom - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	tarama salad	3	0	<= 100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
	Fishery products, unspecified - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	tarama salad from supermarkets	4	0	<= 100	Listeria monocytogenes	4	0
>100								Listeria monocytogenes	4	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 of units tested	N of units positive
Not Available	Fishery products, unspecified - ready-to-eat - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	tarama salad from supermarkets	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Follow-on formulae - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Belgium - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Croatia - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Portugal - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Border inspection activities - Russia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fruits - pre-cut - frozen - Border inspection activities - Egypt - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	frozen strawberries	1	0	detection	Listeria monocytogenes	1	0
	Fruits - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from restaurants or cafes	16	0	<= 100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
	Fruits - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	7	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Infant formula - dried - intended for infants below 6 months - Retail - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - intended for infants below 6 months - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Infant formula - dried - intended for infants below 6 months - Retail - Ireland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - intended for infants below 6 months - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Infant formula - dried - intended for infants below 6 months - Retail - New Zealand - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	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 of units tested	N of units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	juices and smoothies from cafes or take aways	29	0	<= 100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	0
	Juice - mixed juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from cafes or take aways	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from cafes or take aways	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from bovine animals and pig - meat products - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	8	0	detection	Listeria monocytogenes	8	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	16	0	detection	Listeria monocytogenes	16	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	detection	Listeria monocytogenes	3	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	24	1	detection	Listeria monocytogenes	24	1
	Meat from pig - meat products - fermented sausages - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - fermented sausages - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	detection	Listeria monocytogenes	3	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	8	2	detection	Listeria monocytogenes	8	2
	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	10	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	10	0	detection	Listeria monocytogenes	9	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	follow up samples after detection of salmonella or high hygiene indicator count in sandwiches	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	follow up samples after detection of salmonella or high hygiene indicator count in sandwiches	2	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 of units tested	N of units positive
Not Available	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	4	0	detection	Listeria monocytogenes	4	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	38	0	detection	Listeria monocytogenes	38	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	6	0	detection	Listeria monocytogenes	6	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	3	0	detection	Listeria monocytogenes	3	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	2	0	detection	Listeria monocytogenes	2	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	2	0	detection	Listeria monocytogenes	2	0
	Meat, mixed meat - meat products - fresh raw sausages - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units, donkey milk	3	0	detection	Listeria monocytogenes	3	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units, donkey milk	1	0	detection	Listeria monocytogenes	1	0
		single (food/feed d)	25	Millilitre	donkey milk	3	0	detection	Listeria monocytogenes	3	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - frozen - Retail - Canada - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - frozen - Retail - Chile - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - frozen - Retail - India - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	4	0	detection	Listeria monocytogenes	4	0
	Molluscan shellfish - cooked - frozen - Retail - Ireland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - frozen - Retail - Vietnam - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	2	0	detection	Listeria monocytogenes	2	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 - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	22	0	<= 100	Listeria monocytogenes	22	0
								>100	Listeria monocytogenes	22	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 - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	follow up samples after high count in hygiene parameters in samples in above row	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	All samples were taken from school canteens	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	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 of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	All samples were taken from school canteens, mobile canteens and cafes	193	0	<= 100	Listeria monocytogenes	193	0
								>100	Listeria monocytogenes	193	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	All samples taken for verification of corrective measures after single samples from surveillance in above row were found with salmonella or high hygiene indicator levels.	8	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	24	0	<= 100	Listeria monocytogenes	24	0
								>100	Listeria monocytogenes	24	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	follow up samples after high count in hygiene parameters in samples in above row	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	tahini salad, houmous and other vegetable dips from supermarkets	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	tahini salad, houmous and other vegetable dips from supermarkets	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	tahini salad, houmous and other vegetable dips from supermarkets	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Ready-to-eat salads - Hospital or medical care facility - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	12	0	<= 100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	82	0	<= 100	Listeria monocytogenes	82	0
								>100	Listeria monocytogenes	82	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Follow-up samples for positive samples in above rows and other samples with high E. coli levels.	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Vegetables - pre-cut - frozen vegetables - Retail - Belgium - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	9	3	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
		single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	7	2	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Vegetables - pre-cut - frozen vegetables - Retail - Belgium - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	9	3	detection	Listeria monocytogenes	9	3
								single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak
	Vegetables - pre-cut - frozen vegetables - Retail - Cyprus - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - frozen vegetables - Retail - France - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - frozen vegetables - Retail - Germany - food sample - Survey - Official sampling - Selective sampling	single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	2	0	detection	Listeria monocytogenes	2	0
	Vegetables - pre-cut - frozen vegetables - Retail - Greece - food sample - Survey - Official sampling - Selective sampling	single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	7	3	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Vegetables - pre-cut - frozen vegetables - Retail - Greece - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	3	0	detection	Listeria monocytogenes	3	0
								single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak
	Vegetables - pre-cut - frozen vegetables - Retail - Hungary - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	1	1	<= 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 of units tested	N of units positive
Not Available	Vegetables - pre-cut - frozen vegetables - Retail - Hungary - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	1	1	detection	Listeria monocytogenes	1	1
	Vegetables - pre-cut - frozen vegetables - Retail - Spain - food sample - Survey - Official sampling - Selective sampling	single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	3	1	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - pre-cut - frozen vegetables - Retail - Spain - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	1	0	detection	Listeria monocytogenes	1	0
		single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	3	1	detection	Listeria monocytogenes	3	1
	Vegetables - pre-cut - frozen vegetables - Retail - Sweden - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	1	0	detection	Listeria monocytogenes	1	0
		single (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - frozen vegetables - Retail - United Kingdom - food sample - Survey - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	non ready to eat, sweetcorn or mixed veg, market survey following relevant EU outbreak	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
		single (food/fee d)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/fee d)	25	Gram	one batch of 5 samples taken after one single sample from surveillance in above row was found with high E. coli levels	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from restaurants, takeaways or cafes	23	0	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Samples taken for verification of corrective measures after single samples from surveillance in above row had high E. coli levels.	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Vegetables - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	23	0	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Vegetables - products - Border inspection activities - Lebanon - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	halva	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
		single (food/fee d)	25	Gram	tahini	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - products - Processing plant - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	halva	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - products - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	halva from supermarkets	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 of units positive
CYPRUS	Cats - pet animals - Border inspection activities - Russia - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Immunofluorescence method	animal	1	0	Lyssavirus	0
	Dogs - pet animals - Border inspection activities - Bulgaria - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Immunofluorescence method	animal	1	0	Lyssavirus	0
	Dogs - pet animals - Border inspection activities - Cyprus - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Immunofluorescence method	animal	1	0	Lyssavirus	0

Table Salmonella:SALMONELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	22	Y	N_A	Not Available	22	0	Salmonella	0
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	1385	N	N_A	Not Available	1007	29	Salmonella Anatum	1
									Salmonella Infantis	27
									Salmonella Kentucky	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1385	Y	N_A	Not Available	1007	30	Salmonella Anatum	1
									Salmonella Infantis	27
									Salmonella Kentucky	1
									Salmonella Senftenberg	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	1385	N	N_A	Not Available	8	1	Salmonella Senftenberg	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official sampling - Selective sampling	herd/flock	1385	N	N_A	Not Available	18	12	Salmonella Infantis	2
									Salmonella Kentucky	8
									Salmonella Mishmarhaemek	2
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	130	Y	N_A	Not Available	130	10	Salmonella Anatum	1
									Salmonella Bredeney	1
									Salmonella Chester	1
									Salmonella Infantis	2
									Salmonella Livingstone	1
									Salmonella Mishmarhaemek	1
									Salmonella Oranienburg	1
									Salmonella Telaviv	1
									Salmonella Virchow	1
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	10	N	N_A	Not Available	10	1	Salmonella Infantis	1
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	10	Y	N_A	Not Available	10	5	Salmonella Bredeney	1
									Salmonella Infantis	2
									Salmonella Kedougou	1
									Salmonella Mishmarhaemek	1
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	10	N	N_A	Not Available	4	4	Salmonella Bredeney	1
									Salmonella Infantis	1
									Salmonella Kedougou	1
									Salmonella Mishmarhaemek	1

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 of units positive
Not Available	Bakery products - desserts - Border inspection activities - India - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	1	Salmonella Give	1
	Bakery products - desserts - Border inspection activities - Syria - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - desserts - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from bakeries and confectioneries	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Bakery products - pastry - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	pie like snacks	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Bakery products - pastry - yeast leavened pastry - Retail - Greece - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	non ready to eat, frozen	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Cyprus - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	flour	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Greece - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	flour	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Cheeses made from cows' milk - curd - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	3	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	26	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	4	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Netherlands - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	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 of units positive
Not Available	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	4	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	19	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	4	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	flaouna cheese, an easter traditional cheese, from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	4	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	25	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	2	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	6	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	flaouna cheese, an easter traditional cheese, from supermarkets	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	32	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	64	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	8	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	halloumi and anari cheese from supermarkets	ISO 6579-1:2017 Salmonella	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 of units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Finland - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	20	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	fiacuna cheese, an easter traditional cheese, from supermarkets	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	7	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	17	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	13	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Chocolate - Border inspection activities - Egypt - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Chocolate - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Chocolate - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Chocolate - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Chocolate - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Chocolate - Retail - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Chocolate - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Coconut - Border inspection activities - Indonesia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	desiccated coconut	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Coconut - Border inspection activities - Vietnam - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	desiccated coconut	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Coconut - coconut products - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Coconut - Retail - India - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	desiccated coconut, from supermarkets, packed in CY	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Coconut - Retail - Indonesia - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	desiccated coconut, from supermarkets, packed in CY	ISO 6579-1:2017 Salmonella	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 of units positive
Not Available	Coconut - Retail - Sri Lanka - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	desiccated coconut, from supermarkets, packed in CY	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Coconut - Retail - Unknown - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	desiccated coconut, from supermarkets, packed in CY	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Coconut - Retail - Vietnam - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	desiccated coconut, from supermarkets, packed in CY	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Retail - Canada - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Retail - India - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Retail - Vietnam - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	Not Available	3	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	Not Available	25	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Trachanas, a cyriot traditional dairy product	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	Not Available	8	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Millilitre	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	from ice cream factories or production plants	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	follow up sampling of batches of 5 samples taken from either processing plants or gelaterias; after high enterobacteriaceae levels in either single samples from retail or batches from production plants	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	All samples from gelaterias or mobilee carts	ISO 6579-1:2017 Salmonella	46	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	follow up samples taken from gelaterias, after high enterobacteriaceae levels in surveillance program	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	each of the sample contains 5 units, donkey milk	Not Available	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 of units positive
Not Available	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	68	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	4	0	Salmonella	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Millilitre	each of the sample contains 5 units	Not Available	2	0	Salmonella	0
	Egg products - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Millilitre	each of the sample contains 5 units	Not Available	2	0	Salmonella	0
	Eggs - table eggs - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fish - smoked - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fish - smoked - Retail - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - smoked - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fish - smoked - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	tarama salad	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	tarama salad from supermarkets	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	tarama salad from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Follow-on formulae - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Belgium - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Croatia - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Portugal - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Border inspection activities - Russia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	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 of units positive
Not Available	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fruits - pre-cut - frozen - Border inspection activities - Egypt - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	frozen strawberries	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from restaurants or cafes	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Ireland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - New Zealand - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	juices and smoothies from cafes or take aways	ISO 6579-1:2017 Salmonella	29	0	Salmonella	0
	Juice - mixed juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from cafes or take aways	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	from cafes or take aways	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	N_A	Not Available	5	0	Salmonella	0
	Meat from bovine animals - fresh - Cutting plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	each of the sample contains 5 units	Not Available	11	1	Salmonella spp., unspecified	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - frozen - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - frozen - Retail - United Kingdom - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	each of the sample contains 5 units	Not Available	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 of units positive
Not Available	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	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	2	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	5	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	4	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	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	5	0	Salmonella	0
	Meat from bovine animals and pig - meat products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units; Rotpolnische sausage	Not Available	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	Not Available	235	20	Salmonella Infantis	15
									Salmonella Virchow	5
	Meat from broilers (Gallus gallus) - fresh - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	56	4	Salmonella Infantis	1
									Salmonella spp., unspecified	3
	Meat from broilers (Gallus gallus) - fresh - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	10	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - fresh - with skin - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	5	2	Salmonella Infantis	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	57	1	Salmonella spp., unspecified	1
	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	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	7	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	raw chicken fillet from take away for investigation of fbo of 5 confirmed salmonellosis cases	ISO 6579-1:2017 Salmonella	1	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	16	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - offal - unspecified - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	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 of units positive
Not Available	Meat from goat - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	400	Square centimetre	N_A	Not Available	5	0	Salmonella	0
	Meat from other poultry species - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units,Qualis	Not Available	2	0	Salmonella	0
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fee d)	400	Square centimetre	N_A	Not Available	25	0	Salmonella	0
	Meat from pig - fresh - Cutting plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	65	0	Salmonella	0
	Meat from pig - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	72	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	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	71	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	8	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	15	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	24	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	8	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	3	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	follow up samples after detection of salmonella or high hygiene indicator count in sandwiches	ISO 6579-1:2017 Salmonella	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 of units positive
Not Available	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	38	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	31	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from rabbit - fresh - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	29	0	Salmonella	0
	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	400	Square centimetre	N_A	Not Available	20	0	Salmonella	0
	Meat from sheep - fresh - Cutting plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	10	Gram	each of the sample contains 5 units	Not Available	13	0	Salmonella	0
	Meat from spent hens (Gallus gallus) - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from turkey - fresh - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	2	0	Salmonella	0
	Meat, mixed meat - meat products - fresh raw sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Millilitre	each of the sample contains 5 units, donkey milk	Not Available	3	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Millilitre	each of the sample contains 5 units, donkey milk	Not Available	1	0	Salmonella	0
		single (food/fee d)	25	Millilitre	donkey milk	Not Available	3	0	Salmonella	0
	Milk, cows ¹ - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Millilitre	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Milk, cows ¹ - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	25	Millilitre	each of the sample contains 5 units	Not Available	1	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Chile - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	mussels, from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Ireland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	mussels, from supermarkets	ISO 6579-1:2017 Salmonella	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 of units positive
Not Available	Molluscan shellfish - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	mussels, shelled, from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	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 - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	22	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 - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	follow up samples after high count in hygiene parameters in samples in above row. Also one seafood salad taken for investigation of fbo with 30 people affected and 2 confirmed with salmonellosis was positive for S. Virchow	ISO 6579-1:2017 Salmonella	4	1	Salmonella Virchow	1
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	23	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 - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	76	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 - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	follow up samples after high count in hygiene parameters in samples in above row	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	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 - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	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 - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	All samples were taken from school canteens	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with fish - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	All samples were taken from school canteens (mainly), mobile canteens and cafes	ISO 6579-1:2017 Salmonella	193	1	Salmonella Telaviv	1
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	samples taken for verification of corrective measures after single samples from surveillance in above row were found with salmonella or high hygiene indicator levels	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	24	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	follow up samples after high count in hygiene parameters in samples in above row	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Border inspection activities - China - food sample - Surveillance - Official sampling - Selective sampling	batch (food/food)	25	Gram	spring rolls	ISO 6579-1:2017 Salmonella	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 of units positive
Not Available	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Border inspection activities - Vietnam - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - China - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	spring rolls from supermarket	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - India - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	spring rolls from supermarket	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	spring rolls from supermarket	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	tahini salad, houmous	ISO 6579-1:2017 Salmonella	4	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 - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	tahini salad, houmous and other vegetable dips from supermarkets	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	tahini salad, houmous and other vegetable dips from supermarkets	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	caesar salad for investigation of fbo with 30 people affected and 2 confirmed with salmonellosis	ISO 6579-1:2017 Salmonella	1	1	Salmonella Virchow	1
	Ready-to-eat salads - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	82	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Follow-up samples for positive samples in above rows and other samples with high E. coli levels	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Seeds, dried - Border inspection activities - India - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	sesame seeds in batches of 5 subunits	ISO 6579-1:2017 Salmonella	16	1	Salmonella Kambole	1
	Seeds, dried - Border inspection activities - Lebanon - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	sesame seeds in batches of 5 subunits	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Seeds, dried - Border inspection activities - Nigeria - food sample - Surveillance - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	sesame seeds in batches of 5 subunits	ISO 6579-1:2017 Salmonella	1	1	Salmonella Elisabethville	1
	Seeds, dried - Retail - Australia - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	packaged in CY, from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Seeds, dried - Retail - India - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	packaged in CY, from supermarkets	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Seeds, dried - Retail - Unknown - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	packaged in CY, from supermarkets	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Spices and herbs - dried - Border inspection activities - China - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	5	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Spices and herbs - dried - Border inspection activities - India - food sample - Surveillance - Official sampling - Selective sampling	batch (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	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 of units positive
Not Available	Spices and herbs - dried - Border inspection activities - Jordan - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed d)	5	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Spices and herbs - dried - Border inspection activities - Turkey - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed d)	5	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - non-pre-cut - Farm - Cyprus - food sample - Survey - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Unwashed vegetables taken from the field, pilot project	ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Vegetables - non-pre-cut - Retail - Cyprus - food sample - Survey - Official sampling - Convenient sampling	single (food/feed d)	25	Gram	Unwashed vegetables taken from supermarkets or groceries from Nicosia and Larnaca areas	ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
		single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed d)	25	Gram	one batch of 5 samples taken after one single sample from surveillance in above row was found with high E. coli levels	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from restaurants, takeaways or cafes	ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Samples taken for verification of corrective measures after single samples from surveillance in above row had high E. coli levels.	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	from supermarkets	ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Vegetables - products - Border inspection activities - Jordan - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	tahini	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - products - Border inspection activities - Lebanon - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	halva	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
		single (food/feed d)	25	Gram	tahini	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - products - Border inspection activities - Syria - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	tahini	ISO 6579-1:2017 Salmonella	1	1	Salmonella Senftenberg	1
	Vegetables - products - Processing plant - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	halva	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Vegetables - products - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	halva and tahini from supermarkets	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - products - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	halva and tahini from supermarkets	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Vegetables - products - Retail - Lebanon - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	halva from supermarket	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - products - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	tahini from supermarket	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Table Staphylococcal enterotoxins:STAPHYLOCOCCAL ENTEROTOXINS 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 of 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 - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	Seafood salad tested because of high CPS count	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0

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 of units positive
Not Available	Foxes - wild - Natural habitat - Cyprus - animal sample - organ/tissue - Surveillance - Official sampling - Convenient sampling	N_A	Magnetic stirrer method for pooled sample digestion	animal	107	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - sows and boars - Slaughterhouse - Cyprus - animal sample - organ/tissue - Surveillance - Official sampling - Census	N_A	Magnetic stirrer method for pooled sample digestion	animal	10967	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Cyprus - animal sample - organ/tissue - Surveillance - Official sampling - Census	N_A	Magnetic stirrer method for pooled sample digestion	animal	54528 0	0	Trichinella	0

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

Causative agent	Food vehicle	Outbreak strength	Weak		
		N outbreaks	N human cases	N hospitalized	N deaths
Salmonella spp., unspecified	Mixed food	2	35	7	0

Strong Foodborne Outbreaks: detailed data

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

Weak Foodborne Outbreaks: detailed data

Causative agent	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	N_A	General	Mixed food	raw chicken fillet was positive for S. Virchow	Detection of causative agent in food chain or its environment - 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	Cyprus	Cross-contamination	Five people of two groups ate various dishes, with chicken a common ingredient, from oriental cuisine take away and were sick with salmonellosis. Salmonella spp. was detected in clinical samples but not serotyped. Various corresponding dishes plus raw chicken fillet were sampled from the take away on a later date and S. Infantis was detected in raw chicken fillet (hence weak evidence)	1	5	5	0
					two mixed salads, seafood and caesar, sampled on a later date, were positive for S. Virchow	Detection of causative agent in food chain or its environment - 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	Cyprus	Cross-contamination	30 people of unrelated groups complained with gastroenteritis symptoms after eating at a taverna. Two were confirmed with Salmonella spp. but no serotyping was carried out (private clinic). Salmonella Virchow was detected in two corresponding salads prepared on a later date which suggests a possible cross contamination and or bad handling in the kitchen	1	30	2	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

Table Antimicrobial susceptibility testing of *Campylobacter jejuni* 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:

Country of Origin: Cyprus

Sampling details:

AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	79	79	79	79	79	79
N of resistant isolates	74	0	0	60	11	57
MIC						
<=0.12	5		18			
0.25			28			
<=0.5						21
0.5			32		2	
<=1		79		7		
1			1		41	1
2				7	24	5
4	7			3	1	4
8	45					4
16				2		5
>16	22				11	
32				9		10
>64				51		29

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication

Sampler: Industry sampling

Sampling Strategy: Census

programmes
Programme Code: AMR MON

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
0.5													1	1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5								1						
0.5													1	1
<=1							1							
1				1										
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
128											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
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
32											1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
32											1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
64											1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
N of resistant isolates	1	0	0	0	2	23	0	1	0	23	23	23	9	22	
MIC															
<=0.03									21						
0.064									1						
0.12						3				1					
<=0.25			14										3	1	
0.25						12									
<=0.5				8					18						
0.5			9				6								
<=1	4								20						
1				14			1	4							
2	7			1				3							
4	11	7													
<=8					15										
8			9												
>8						1									
16			7			6				1					
32					2										
>32														22	
>64	1											23			
>128										23					
>1024											23				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	2	2	0	1
MIC														
<=0.03									2					
0.12						1								
<=0.25			2											1
0.25						1								
<=0.5				1				2						
0.5													2	
<=1	1						2							
1				1										
2	1													
4		1												
<=8					2									
8		1												
>32														1
>64												2		
>128										2				
>1024											2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC														
<=0.03									1					
0.25						1								
<=0.5								1						
0.5			1											
<=1							1							
1				1									1	
<=8					1									
8	1													
16		1												
>32														1
>64												1		
>128										1				
>1024											1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	1	
MIC															
<=0.03									1						
0.25						1									
<=0.5								1							
0.5			1												
<=1							1								
1				1											
4	1														
16			1												
>32														1	
>64												1			
>128										1					
>1024											1				

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	1	1	
MIC															
<=0.03									2						
0.03						1									
<=0.25			1										1		
<=0.5				1					1						
0.5			1				1						1		
<=1						2									
1				1					1						
<=2												1			
2	1														
4	1														
<=8					2										
8										1					
16			2												
32											1				
>32													1		
>64												1			
>128										1					
>1024											1				

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC														
<=0.03									1					
0.12						1								
<=0.25			1											
<=0.5				1				1						
1													1	
2	1						1							
4		1												
<=8					1									
>32														1
>64												1		
>128										1				
>1024											1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
0.03						1								
0.064									1					
<=0.25			1											
<=0.5				1				1						
0.5														1
2	1						1							
<=4										1				
<=8					1									
8		1												
>32														1
>64												1		
>1024											1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	1	1	0	1	1	1	0	0
MIC														
0.064									1					
<=0.25			1											1
1				1									1	
4		1												
<=8					1									
8							1							
>8						1								
16								1						
>64	1											1		
>128										1				
>1024											1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	7	7	7	7	7	7	7	7	7	7	7	7	7	7
N of resistant isolates	6	0	0	0	0	6	0	6	0	6	6	6	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.064									5					
<=0.25			7										1	7
<=0.5								1						
0.5													6	
<=1							5							
1				7										
<=2												1		
2	1						2							
<=4										1				
4		2												
<=8					7									
8		5												
>8						6								
16								1						
>32								5						
64											1			
>64	6											6		
>128										6				
>1024											6			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
16											1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
<=1	1						1							
1													1	
<=4										1				
<=8					1									
8		1												
32											1			
>64												1		

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1											1
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
32											1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
0.5													1	1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
64											1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
32											1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	1	0	1	1	1	0	1
MIC														
<=0.03									1					
<=0.25			1											
0.25						1								
<=0.5				1										
0.5													1	
<=1							1							
<=8					1									
8		1												
>32								1						
>64	1											1		
>128										1				
>1024											1			

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnI2

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid		Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin	
	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Cefotaxime synergy test	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	
ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32	
Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5	
Highest limit	32	64	64	64	64	128	128	128	2	16	16	64	
N of tested isolates	60	60	60	60	60	60	60	60	60	60	60	60	
N of resistant isolates	60	60	21	21	27	60	21	21	2	1	0	0	
MIC													
<=0.015										27			
<=0.03											53		
0.03											18		
<=0.064			23										
0.064											13	7	
<=0.12							14					4	
0.12			13							2			
0.25	11	3						19				45	
0.5	16							3	3				10
1	3					5						1	
2	3				1	12							

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid		Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin
	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Cefotaxime synergy test	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	64	128	128	128	2	16	16	64
N of tested isolates	60	60	60	60	60	60	60	60	60	60	60	60
N of resistant isolates	60	60	21	21	27	60	21	21	2	1	0	0
MIC												
4	2	3		6	13	6		4				11
8	9	15		13	19	11		7				39
16	6	11		2	6	13		9				10
32		5			2	12		1				
>32	10											
64						1						
>64		26			19							

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	60	60	60	60	60	60	60	60	60	60	60	60	60	60
N of resistant isolates	60	9	60	59	25	55	3	1	0	48	47	43	0	39
MIC														
<=0.015						4								
<=0.03									54					
0.03						1								
0.064									6					
0.12						1								
<=0.25													45	14
0.25						6								
<=0.5				1				22						
0.5						5							14	5
<=1							57							
1				4				28					1	2
<=2		2										15		
2			1	10		2		9						
<=4										7				
4		22		8		3	3					2		
>4			59											
<=8					33						5			
8		26								3				
>8				37		38								
16		1			2			1		2	5	2		
32		1			2						2	5		

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
N of resistant isolates	60	9	60	59	25	55	3	1	0	48	47	43	0	39	
MIC															
>32														39	
64					2						1	1			
>64	60	8												36	
128											1				
>128					21						47				
256											1				
512											2				
>1024											43				

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 pn12

Analytical Method:

Country of Origin: Cyprus

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid		Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin	
	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Cefotaxime synergy test	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	
ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32	
Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5	
Highest limit	32	64	64	64	64	128	128	128	2	16	16	64	
N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	
N of resistant isolates	8	8	3	3	3	8	3	3	1	0	0	0	
MIC													
<=0.015										4			
<=0.03											8		
0.03									1				
<=0.064			2										
0.064									2				
<=0.12							1			1			
0.12				3						1			
0.25	1							4			5		
0.5	4										2		
4	2	1					2						
8				2	5	1			1				
16			3	1			3			2			
32			2								1		
>32	1												

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin		
Cefotaxime synergy test	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available		
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available		
ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	64	128	128	128	2	16	16	64
N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8
N of resistant isolates	8	8	3	3	3	8	3	3	1	0	0	0
MIC >64		2			3							

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:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	101	101	101	101	101	101	101	101	101	101	101	101	101	101
N of resistant isolates	66	4	8	8	19	86	2	8	0	70	62	60	0	50
MIC														
<=0.015						11								
<=0.03									95					
0.03						4								
0.064									5					
0.12						3			1					
<=0.25			93										66	26
0.25						10								
<=0.5				93				42						
0.5						20							32	22
<=1							98							
1						3		39					3	2
<=2		1										33		
2	7			1			1	12						1
<=4										15				
4	23	33		1		2	1	1				8		
>4			8											
<=8					72						8			
8	5	54					1			5				
>8				6		48								
16	1	9			10			1		11	23			
32		2			5					2	5	2		

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	101	101	101	101	101	101	101	101	101	101	101	101	101	101
N of resistant isolates	66	4	8	8	19	86	2	8	0	70	62	60	0	50
MIC														
>32								6						50
64					2					3	3			
>64	65	2										58		
>128					12					65				
>1024											62			

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:

Country of Origin: Cyprus

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid		Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin
	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Cefotaxime synergy test	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Pres ent	Negative/Abs ent	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	64	128	128	128	2	16	16	64
N of tested isolates	47	47	47	47	47	47	47	47	47	47	47	47
N of resistant isolates	45	47	10	10	19	47	11	11	2	2	0	0
<=0.015									26			
<=0.03											43	
0.03									17			
<=0.064			16									
0.064									2		4	
<=0.12							9			6		
0.12	2		20						2			
0.25	8		1				20	3		30		
0.5	4						4			9		
1	6					4		1		2		
2	2	1		1	2	6		1				
4	8	3		4	6	11		3				10
8	2	9		3	20	11		3				25
16	5	7		2	8	7		3				12

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin		
Cefotaxime synergy test	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available		
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available		
ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	64	128	128	128	2	16	16	64
N of tested isolates	47	47	47	47	47	47	47	47	47	47	47	47
N of resistant isolates	45	47	10	10	19	47	11	11	2	2	0	0
32		2			4	6						
>32	10											
64						2						
>64		25			7							

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:

Country of Origin: Cyprus

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Collistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
N of resistant isolates	47	6	47	47	12	46	1	4	0	39	36	37	0	29	
MIC															
<=0.03										43					
0.03							1								
0.064										3					
0.12										1					
<=0.25													26	11	
0.25							7								
<=0.5									14						
0.5							8								
<=1								45							
1					5	1	22								
<=2												10			
2					8	2	1	7							
<=4											1				
4	12		11		2		1	1							
>4	47														
<=8						32								5	
8	25														
>8					23	26									
16	4		3								5	5			
32	1														
>32									3						29

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	47	47	47	47	47	47	47	47	47	47	47	47	47	47
N of resistant isolates	47	6	47	47	12	46	1	4	0	39	36	37	0	29
64					3									
>64	47	5										33		
>128					9					39				
>1024											36			

OTHER ANTIMICROBIAL RESISTANCE TABLES

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected

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

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	08-Jan-2020
Animal Population	03-Sep-2019
Disease Status	03-Sep-2019
Food Borne Outbreaks	03-Sep-2019
Prevalence	03-Sep-2019

Animal population

1. Sources of information and the date(s) (months, years) the information relates to^(a)

The information relates caprine, ovine and bovine population is obtained from the Veterinary Services (VS) database of the Animal Identification and registration Scheme. The information relates to Gallus - gallus population is obtained from Department of Agriculture (DA).

2. Definitions used for different types of animals, herds, flocks and holdings as well as the production types covered

Definitions used for bovine, caprine and ovine animals are holdings (each holding is an epidemiologic unit). The flock definition is used for gallus – gallus (broiler farms, laying farms and breeding farms).

3. National changes of the numbers of susceptible population and trends

		2014	2015	2016	2017	2018
Matrix	Unit	Population				
Sheep	Holdings		867	820	791	796
Sheep	Animals		110288	114882	118521	124197
Goats	Holdings		1053	1046	1034	987
Goats	Animals		78908	82338	89175	93085
Sheep and goats	Holdings	2921	1105	1186	1125	1065
Sheep and goats	Animals		212917	249769	257974	242918
Sheep - animals over 1 year	Animals		193872	211657	205884	214754
Sheep - animals under 1 year (lambs)	Animals		37053	41608	41718	42937
Goats - animals over 1 year	Animals		143721	160337	153190	165851
Goats - animals under 1 year	Animals		27467	30971	38325	36658
Cattle (bovine animals)	Holdings	344	312	365	363	364
Cattle (bovine animals)	Animals	58665	56723	63307	64566	69036
Cattle (bovine animals) - calves (under 1 year)	Animals	17319	13484	20589	17596	19727
Cattle (bovine animals) - dairy cows	Animals	41346	43239	42728	46970	49309
Gallus gallus (fowl) - breeding flocks	Holdings	12	12	13	9	9
Gallus gallus (fowl) - breeding flocks	Flocks	39	36	43	29	22
Gallus gallus (fowl) - breeding flocks	Animals	108450	74780	125992	125992	138438
Gallus gallus (fowl) - laying hens	Holdings	34	37	37	36	37
Gallus gallus (fowl) - laying hens	Flocks	110	126	137	134	130

Gallus gallus (fowl) - laying hens	Animals	449370	478600	485495	457920	534918
Gallus gallus (fowl) - broilers	Holdings	94	82	88	81	78
Gallus gallus (fowl) - broilers	Flocks	1184	1079	1030	1163	1385
Gallus gallus (fowl) - broilers	Animals	11099200	11718400	12041000	12499500	10261056
Gallus gallus (fowl) - broilers	slaughter animal (heads)	8904894	9050410	9922332	10648214	10238949
Turkeys - meat production flocks	Holdings		7	7	6	7
Turkeys - meat production flocks	Flocks		10	9	10	10
Turkeys - meat production flocks	Animals	28600	29300	28980	35572	31950
Turkeys - meat production flocks	slaughter animal (heads)	23015	13232	21077	19286	75924
Pigs	Holdings	77	70	72	78	65
Pigs - breeding animals	Animals	30181	29491	29071	28124	29165
Pigs - fattening pigs	Animals	255576	258027	265529	221090	314780

4. Geographical distribution and size distribution of the herds, flocks and holdings^(b)

	District	Nicosia				Paphos				Larnaca				Ammochostos				Lemesos			
		2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	2017	2018
Matrix	Unit	Population																			
Sheep	Holdings	152	152	147	150	93	100	98	94	221	226	225	228	190	190	182	178	140	144	128	146
Sheep	Animals	26963	29359	25413	28457	14152	15004	15200	14191	39977	40020	41039	39992	26086	25775	24669	22923	21302	19049	19030	18634
Goats	Holdings	214	227	215	219	286	264	262	253	176	156	162	149	116	107	112	107	259	274	215	259

Goats - animals under 1 year	Goats - animals over 1 year		Sheep - animals under 1 year (lambs)		Sheep and goats	Sheep and goats	Goats
	Animals	Animals	Animals	Animals			
11902	32425	21173	47087	70559	298	15065	
11537	32052	16397	47784	61312	293	17099	
11801	31774	14542	48746	59662	272	18041	
9721	33779	9906	50135	55634	263	19490	
16316	42790	12613	23840	52266	216	29141	
12328	43599	9070	25250	49850	205	25393	
12638	43695	8002	25775	48482	186	26428	
8644	44882	5127	25791	44394	193	25796	
11048	26212	24837	69670	77076	280	14714	
10407	26300	25275	69435	77895	279	13502	
10595	29535	21702	73640	80445	265	13988	
7581	36599	15468	77590	83296	269	13959	
3380	6593	14482	30967	25825	147	3511	
3681	7095	12078	31464	24547	152	3996	
3394	8441	11552	32972	27034	143	4656	
2416	9376	7016	34320	25224	138	5032	
18902	36125	15103	24004	44855	223	27977	
15836	39151	10827	24922	40140	203	31547	
14867	40314	8874	25291	37232	202	33084	
8296	41215	5420	26918	34370	202	28808	

Gallus gallus (fowl) - breeding flocks	Gallus gallus (fowl) - breeding flocks	Cattle (bovine animals) - dairy cows	(bovine animals) - calves (under	Cattle (bovine animals)	Cattle (bovine animals)
Flocks	Holdings	Animals	Animals	Animals	Holdings
36	12	13809	6439	20248	108
43	13	14329	6538	20867	109
29	9	15312	6690	22002	109
		16573	6720	23388	125
-	-	1062	418	1480	39
-	-	934	347	1281	36
-	-	899	427	1326	36
		976	440	1416	38
-	-	18629	7210	25839	104
-	-	19260	8236	27496	105
-	-	20602	8659	29261	107
		20179	8004	28183	107
-	-	6912	3568	10480	48
-	-	7197	3610	10861	49
-	-	7708	3890	11598	49
		8473	3341	11814	52
-	-	2707	1343	4050	29
-	-	2627	1430	4057	43
-	-	2855	1523	4378	43
		3108	4235	4235	42

Pigs - fattening pigs		Pigs - breeding animals		Pigs		Gallus gallus (fowl) - broilers		Gallus gallus (fowl) - breeding flocks	
Animals	Animals	Animals	Holdings	Animals	Animals	Animals	Animals	Animals	Animals
160242	18505	39	7148224	74780					
162238	17083	36	7345010	125992					
158618	19415	42	7624695	125992					
218688	18490	32	6259244						
-	-	-	468736	-					
		2	481640	-					
		2	499980	-					
1	30	2	410442						
72280	8807	22	2812416	-					
63381	8051	24	2889840	-					
56585	7462	24	2999880	-					
66977	8051	24	2462653						
10500	766	5	703104	-					
11483	723	5	722460	-					
3105	795	5	749970	-					
11514	784	3	615663						
15005	1413	4	585920	-					
28420	3076	5	602050	-					
2761	422	5	624975	-					
17600	1810	4	513052						

Write text here please

5. Additional information

Write text here please

(a): National identification and registration system(s), source of reported statistics (Eurostat, others)

(b): Link to website with density maps if available, tables with number of herds and flocks according to geographical area

Institutions and laboratories involved in antimicrobial resistance monitoring and reporting

Laboratory of food of animal origin (for Commensal E.coli isolation from caeca samples, Campylobacter isolation from caeca samples (C. jejuni), Salmonella serotyping, isolation ESBL/AmpC producing E. coli from caeca samples, isolation ESBL/AmpC producing E. coli from meat samples, verification, identification and storage of isolates of ESBL/AmpC producing E. coli from meat and caeca samples, selective isolation of carbapenamase-producing E. coli from caeca samples, selective isolation of carbapenamase-producing E. coli from meat samples and verification, identification and storage of isolates of carbapenamase-producing E. coli from meat and caeca samples) and the bacteriology and serology laboratory [Salmonella/ E.coli AST (table 1) and Salmonella/ E.coli (table 4) and Campylobacter AST (table 2)] for the Characterization/classification of a sensitive / resistant isolate. The data are consolidated and are entered in mapping tool by Animal Health and Welfare Division (AHWD).

Short description of the institutions and laboratories involved in data collection and reporting

General Antimicrobial Resistance Evaluation

1. Situation and epidemiological evolution (trends and sources) regarding AMR to critically important antimicrobials^(a) (CIAs) over time until recent situation

Results for fluoroquinolone and MACROLIDES RESISTANT STRAINS of *Campylobacter jejuni* in the framework of the harmonized monitoring that had been taken in place in 2014, 2016 and 2018

In 2014, 2016 and 2018 the levels of resistance observed in *Campylobacter jejuni* from broilers to ciprofloxacin (72.46%, 85.88% and 94%) respectively were very high. The levels of resistance observed in *Campylobacter jejuni* to erythromycin were at 11.59% in 2014, while erythromycin resistant C.jejuni strains were not detected in 2016 and in 2018.

RCIP	2014		2016		2018	
	Frequency	Percent	Frequency	Percent	Frequency	Percent
POS	50	72.46	73	85.88	74	94.00
NEG	19	27.54	12	14.12	5	6.00
RERY						
POS	8	11.59	0	0	0	0
NEG	61	88.41	85	100.00	79	100.00

Results for 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin); resistant strains of *E. coli* commensal in the framework of the harmonized monitoring that had been taken in place in 2014, 2016 and 2018

Fluoroquinolone (ciprofloxacin) resistance in indicator *E.coli* isolated from caecal content of broilers was very high for the years 2014, 2016 and 2018 (75.86%, 79.52% and 85.29% respectively). Resistance to the third-generation cephalosporins cefotaxime and ceftazidime was at 32.20% and 29.90% in 2014 respectively while in 2018 resistance to cefotaxime and ceftazidime was low at 7.84% for each substance.

	2014		2016		2018	
RFOT	Frequency	Percent	Frequency	Percent	Frequency	Percent
POS	28	32.20	49	56.32	8	7.84
NEG	59	67.80	38	43.68	94	92.16
RCIP						
POS	66	75.86	66	79.52	87	85.29
NEG	21	24.14	17	20.48	15	14.71
RCOL						
POS	0	0.00	6	7.23	3	2.94
NEG	87	100.00	77	92.77	99	97.06
RTAZ						
POS	26	29.90	3	3.61	8	7.84
NEG	61	70.10	80	96.39	95	92.16

Frequency: number of isolates tested; Percent: percentage of resistant isolates per category of susceptibility resistance

Occurrence of probable ESBL and AmpC producing E.coli isolates from broiler meat collected in the context of the specific ESBL/AmpC/ Carbapenemase – producing monitoring and subjected to supplementary testing in 2016 and 2018

Among the cephalosporin-resistant isolates (60 isolates tested with Panel 2), the occurrence of probable ESBL-producing E.coli isolates from broiler meat collected in the context of the specific ESBL/ AmpC/ Carbapenemase-producing E. coli monitoring 2018 was 65%. The occurrence of probable AmpC-producing E. coli isolates from meat from broilers was 45%, while 10% of the E.coli isolates presented as ESBL & AmpC-producing E.coli.

	2016				2018		
	ESBL (Clavulanate synergy with FOT, TAZ, or FOT & TAZ)						
	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency
POS	58	67.44	86	100.00	39	65.00	60
	ESBL (FOT/CLA synergy-only)						
POS	9	10.46	86	100.00	3	5.00	60
	ESBL (TAZ/CLA synergy-only)						
POS	1	1.16	86	100.00	0	0.00	60
	AmpC (Resistance to Cefoxidine)						
	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency
POS	36	41.86	86	100.00	27	45.00	60
	ESBL & AmpC (Clavulanate synergy with FOT, TAZ and with resistance to FOX)						
POS	9	10.47	86	100.00	6	10.00	60
	MERO resistance						
POS	0	0.00	86	100.00	0	0.00	60

Probable ESBL and AmpC – producing indicator E.coli isolates from broiler flocks collected in the context of the AMR monitoring program and subjected to supplementary testing (Panel 2) in 2018

The proportion of probable ESBL-producing E.coli isolates from broiler flocks among the total E coli isolates tested with Panel 1, was 4.9%. The proportion of E.coli with an AmpC phenotype was 2.94%.

	2016			2018		
	ESBL (Clavulanate synergy with FOT, TAZ, or FOR & TAZ)					
Panel 2	Frequency	Percent ¹	Cumulative Frequency	Cumulative Percent	Frequency	Percent ²
POS	2	2.35	85	100.00	5	4.90
	ESBL (FOT/CLA synergy)					
POS	2	2.35	85	100.00	0	0.00
	ESBL (TAZ/CLA synergy)					
POS	0	0.00	85	100.00	0	0.00

AmpC (Resistance to Cefoxidine)						
	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent
POS	3	3.53	85	100.00	3	2.94
	ESBL & AmpC (Clavulanate synergy with FOT, TAZ and with resistance to FOX)					
POS	0	0.00	85	100.00	1	0.98
	MERO resistance					
POS	1	1.17	85	100.00	0	0.00

Occurrence of probable ESBL and AmpC producing E.coli isolates from broiler flocks collected in the context of the specific ESBL/AmpC/ Carbapenemase – producing monitoring and subjected to supplementary testing in 2018

The levels of probable ESBL-producing E.coli isolates from broiler flocks collected in the context of the specific ESBL/ AmpC/ Carbapenemase-producing E. coli monitoring, were 70.73% (among the total number of E.coli isolates tested with Panel 2) in 2016 and 78.72% in 2018. The relevant proportion of AmpC-producing E.coli isolates was 56.09% and 40.02% in 2018. 19.15% of the E.coli isolates presented as ESBL & AmpC-producing E.coli.

	2016			2018		
	ESBL (Clavulanate synergy with FOT, TAZ, or FOT & TAZ)					
	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent
POS	29	70.73	41	100.00	37	78.72
	ESBL (FOT/CLA synergy)					
POS	9	21.95	41	100.00	4	8.51
	ESBL (TAZ/CLA synergy)					
POS	1	2.43	41	100.00	0	0.00

AmpC (Resistance to Cefoxidine)						
	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent
POS	23	56.09	41	100.00	19	40.42
	ESBL & AmpC (Clavulanate synergy with FOT or TAZ and with resistance to FOX)					

¹ The percentage is calculated to the total number tested P1.

² The percentage is calculated to the total number tested P1.

POS	11	26.83	41	100.00	9	19.15	47
	MERO resistance						
POS	0	0.00	41	100.00	0	0.00	47

Occurrence of resistance to 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin) in Salmonella infantis from broilers in 2018

S. Infantis is the most frequently reported serovars in broiler flocks (71.42%) of the Salmonella isolates serotyped. In S. Infantis isolates from broilers resistance to ciprofloxacin was extremely high.

Table 2 of RESULTS by RCIP

RESULTS(RESULTS)	Controlling for MATRIX=BROILER		
	RCIP		
	NEG	POS	Total
SInfantis	0	25	25
	0.00	71.42	71.42
	0.00	100.00	35

Resistance to cefotaxime, ceftazidime and colistine was not reported.

Occurrence of resistance to 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin) in Salmonella spp. from laying hens in 2018

Table 3 of RESULTS by RCIP

RESULTS(RESULTS)	Controlling for MATRIX=LAYER		
	RCIP		
	NEG	POS	Total
Salmonella spp.	8	2	10
	80.00	20.00	100.00

Resistance to cefotaxime and ceftazidime was not reported.

2. Public health relevance of the findings on food-borne AMR in animals and foodstuffs

Write text here please

3. Recent actions taken to control AMR in food producing animals and food

Write text here please

4. Any specific action decided in the Member State or suggestions to the European Union for actions to be taken against food-borne AMR threat

Write text here please

5. Additional information

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(a): 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);
- For *Salmonella* and *E. coli*, 3rd and 4th generation cephalosporins (cefotaxime) and fluoroquinolones (ciprofloxacin) and colistin (polymyxin);

General Description of Antimicrobial Resistance Monitoring*;

1. General description of sampling design and strategy^(a)

The sampling strategy is based on the Decision 2013/652/EU, therefore the selection of samples/isolates is done according to prospective sampling and retrospective one. The prospective strategy is implemented for AMR monitoring in bacteria isolated from broiler and fattening pigs caecal samples at the slaughterhouse and from fresh broiler and fresh pig meat at retail. The retrospective strategy is implemented for AMR IN *Salmonella* spp. isolates obtained from the sampling in the national control program context (Regulation (EC) No 2160/2003 and from the representative sampling of carcasses of broilers and fattening pigs at slaughterhouse in the context of Regulation (EC) No 2073/2005.

Animal populations to be sampled for caecal samples at slaughterhouses and number of samples/isolates per bacteria per year to be sampled according to the Decision 2160/2013.

Animal population	Bacteria	2016	2015	2018	2017
Broilers	<i>C.jejuni</i>	85 ³ isolates		85 isolates	
	<i>E.coli</i>	85 isolates		85 isolates	
	Enzyme-producing <i>E.coli</i>	150 samples		150 samples	
Fattening pigs	<i>E. coli</i>		85 isolates		85 isolates
	Enzyme-producing <i>E.coli</i>		150 samples		150 samples
			2015		

Number of *Salmonella* spp. isolates obtained from carcasses and have to be tested per animal population per year

Carcases	Bacteria	2014	2015	2016	2017
Broilers	<i>Salmonella</i>	85 isolates		85 isolates	
Fattening turkeys	<i>Salmonella</i>	85 isolates		85 isolates	
Fattening pigs	<i>Salmonella</i>		85 isolates		85 isolates

Number of fresh meat samples at retail

³ The number of samples to be collected from each animal population in order to achieve the number of isolates required is estimated based on prevalence of the bacteria considered (*C. jejuni*, *E.coli*)

Fresh meat	Bacteria	2016	2015	2018	2017
Broilers	Enzyme-producing E.coli	150 samples		150 samples	
Pig meat	Enzyme-producing E.coli		150 samples		150 samples
Bovine meat	Enzyme-producing E.coli		150 samples		150 samples

2. Stratification procedure per animal population and food category

Characteristics of the stratified sampling approach applied to prospective sampling of samples

	Sampling of caeca samples at slaughterhouse	Sampling of meat samples at retail
Target populations	Broilers Fattening Pigs	Broiler meat Pig meat Bovine meat
Subgroup (1 st stage)	Slaughterhouse	District
Proportional allocation	Sample size proportionate to the slaughterhouse	Sample size proportionate to the district distribution of the establishments (at retail level)
2 nd stage	Fattening pigs: Batches of carcasses originating from the holdings which are determined as samples taken at 3-4 months intervals from the same holding. Broilers: Carcasses originating from the same flock.	Sample size allocated proportional per month. In the case where the number of samples is N, then the number of samples to be sampled by month for each stratum is calculated as N divided by 12.
Epidemiological Unit	Fattening pigs: Batches of carcasses originating from the holdings which are determined as samples taken at 3-4 months intervals from the same holding. Broilers: Carcasses originating from the same flock.	One lot of meat
Sample/Isolate	One sample of caecal content per epidemiological unit⁴	One meat sample per lot

⁴ The sample of caecal content derive from one carcass.

3. Randomisation procedure per animal population and food category

The sampling procedure per animal population and food category is simple and consist of drawing elements from a targeted population in the way that each element has equal probability of being selected.

4. Analytical method used for detection and confirmation^(b)

According to the legislation and the protocols developed by the EURL-AR.

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobial substances and cut-off values that are included in AMR monitoring for *Salmonella* spp., indicator commensal *E.coli* and for detection of ESBL-producing *E. coli* (first panel).

Antimicrobial substances	Species	ECOFF (EUCAST epidemiological cut-off values)
Sulfonamides - Sulfamethoxazole	<i>Salmonella</i>	>256
	<i>E.coli</i>	>64
Trimethoprim	<i>Salmonella</i>	>2
	<i>E.coli</i>	>2
Fluoroquinolones - Ciprofloxacin	<i>Salmonella</i>	>0,064
	<i>E.coli</i>	>0,064
Tetracyclines - Tetracycline	<i>Salmonella</i>	>8
	<i>E.coli</i>	>8
Carbapenems - Meropenem	<i>Salmonella</i>	>0,125
	<i>E.coli</i>	>0,125
Macrolides - Azithromycin	<i>Salmonella</i>	>16
	<i>E.coli</i>	>16
Quinolones - Nalidixic acid	<i>Salmonella</i>	>16
	<i>E.coli</i>	>16
Cephalosporins - Cefotaxime	<i>Salmonella</i>	>0,5
	<i>E.coli</i>	>0,25
Amphenicols - Chloramphenicol	<i>Salmonella</i>	>16
	<i>E.coli</i>	>16
Glycylcyclines - Tigecycline	<i>Salmonella</i>	>1
	<i>E.coli</i>	>1
Cephalosporins - Ceftazidime	<i>Salmonella</i>	>2
	<i>E.coli</i>	>0,5
Polymyxins - Colistin	<i>Salmonella</i>	>2
	<i>E.coli</i>	>2
Penicillins - Ampicillin	<i>Salmonella</i>	>8
	<i>E.coli</i>	>8
Aminoglycosides - Gentamicin	<i>Salmonella</i>	>2
	<i>E.coli</i>	>2

Panel of antimicrobial substances, EUCAST epidemiological cut-off values (ECOFFs) that are used for testing only *Salmonella* and indicator commensal *E.coli* isolates resistant to cefotaxime or ceftazidime or meropenem – (second panel)

Antimicrobial substances	Species	ECOFF (EUCAST epidemiological cut-off values)
Cephalosporins - Cefoxitin	<i>Salmonella</i>	>8
	<i>E.coli</i>	>8
Cephalosporins - Cefotaxime	<i>Salmonella</i>	>0,5
	<i>E.coli</i>	>0,25
Carbapenems - Ertapenem	<i>Salmonella</i>	>0,06
	<i>E.coli</i>	>0,06
Carbapenems - Imipenem	<i>Salmonella</i>	>1

	E.coli	>0,5
Carbapenems - Meropenem	Salmonella	>0,125
	E.coli	>0,125
Cephalosporins - Ceftazidim	Salmonella	>2
	E.coli	>0,5
Cephalosporins - Cefepime	Salmonella	>0,125
	E.coli	>0,125
Penicillins - Temocillin	Salmonella	>32
	E.coli	>32
Cephalosporins + β lactamase inhibitors - Cefotaxime + Clavulanic acid	Salmonella	>0,5
	E.coli	>0,25
Cephalosporins + β lactamase inhibitors - Ceftazidime + Clavulanic acid	Salmonella	>2
	E.coli	>0,5

Panel of antimicrobial substances, EUCAST epidemiological cut-off values (ECOFFs) that are used for testing only *Salmonella* and indicator commensal *E.coli* isolates resistant to cefotaxime or ceftazidime or meropenem – (second panel)

Antimicrobial substances	Species	ECOFF (EUCAST epidemiological cut-off values)
Fluoroquinolones - Ciprofloxacin	C. jejuni	>0,5
Tetracyclines - Tetracycline	C. jejuni	>1
Quinolones - Nalidixic acid	C. jejuni	>16
Aminoglycosides - Gentamicin	C. jejuni	>2
Macrolides - Erythromycin	C. jejuni	>4
Aminoglycosides - Streptomycin	C. jejuni	>4

6. Results of investigation

Write text here please

7. Additional information

Write text here please

* to be filled in per combination of bacterial species/matrix

- (a): 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, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values

Cyprus Veterinary Services Laboratories

General evaluation*: Bovine, sheep & goat brucellosis**1. History of the disease and/or infection in the country^(a)**

Since its establishment, the Republic of Cyprus has applied two eradication programs for Brucellosis. The first program began in 1972 and ended successfully in 1985. Since 1997, sporadic outbreaks of Brucellosis occurred and in 1999 a new eradication program began. From 1999 until October 2004, the United Nations Office for Project Services funded the bi-communal sheep & goat brucellosis eradication program (UNOPS, Cont. No: WSE-PS03-4463). Since the accession of Cyprus to the EU in 2004, the EU co-financed the eradication program which also included the parallel characterization of flocks as brucellosis officially free.

According to Decision (EU) 2015/129, Cyprus is a Member State recognised as officially free of brucellosis (*B. melitensis*).

Brucella abortus has never been found in Cyprus for the last 85 years. However, Cyprus has applied two eradication programs in her history concerning *Brucella melitensis*. The first program began in 1972 and ended successfully in 1985. In 2001, an eradication program for *Brucella melitensis* in cattle started, funded by the United Nations Office for Project Services. Since the accession of Cyprus to the EU in 2004, the EU co-financed the eradication program in cattle for *Brucella melitensis* until 2011, which also included the parallel characterization of bovine herds as brucellosis officially free, according to Directive 64/432/EEC.

According to Decision (EU) 2017/1910, Cyprus is a Member State recognised as officially bovine brucellosis-free country.

2. Evaluation of status, trends and relevance as a source for humans

Disease absent

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Not applicable

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: Bovine Brucellosis

1. Monitoring/Surveillance/Control programmes system^(a)

Sampling is carried out in all bovine holdings with more than 10 animals in the farm, in females over 2 years old of age. The samples are taken twice a year, each January and June. The samples are bulk milk and they tested in Bacteriology/Serology Laboratory using the ELISA method. If a positive sample is found, the District Veterinary Officer will be informed immediately in order for all animals over 12 months to be tested.

During 2018, 1239 animals were tested serologically and were examined 22966 samples of bulk milk.

2. Measures in place^(b)

Maintenance of the Officially Free Status

3. Notification system in place to the national competent authority^(c)

Abortions are mandatory notifiable to the National Competent Authority

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Cyprus had no cases during the last 5 years

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Brucellosis

in sheep and goats (B. Melitensis)

1. Monitoring/Surveillance/Control programmes system^(a)

The target animal population for the program is sheep and goats over 6 months of age in herds kept for breeding and rearing purposes as defined in K.Δ.Π. 94/2012. Small / large herds are those with equal or lower / over 60 animals over the age of 6 months.

According to Directive 91/68 / EC, in order to maintain the officially brucellosis-free (Br. Melitensis) Member State status, at least 5% of sheep and goats over the age of six months must be tested.

The sampling is designed on two levels (herd and animal) and stratified in total in 22 layers, by District Office / Station and herd size - as low as 60 animals and over 60 animals. The choice of flocks in these layers is random, two stage, stratified sampling.

During 2018, 26,575 animals were tested from 643 flocks.

2. Measures in place^(b)

Maintenance of the Officially Free Status

3. Notification system in place to the national competent authority^(c)

Abortions are mandatory notifiable to the National Competent Authority

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Cyprus had no cases during the last 5 years

5. Additional information

Prior to the movement of animals from holdings located 3km from the green line, examination for Brucellosis is carried out

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

General evaluation*: **Salmonella spp in animal populations with control programmes set by EU legislation**

1. History of the disease and/or infection in the country^(a)

Since 2008 a national program for the control of Salmonella has been in force throughout the area of the island that is under the effective control of the Government of Cyprus. Samples taken in the framework of the programme by the Veterinary Services, are analysed at the Veterinary Services Laboratories Pathology, Bacteriology, Parasitology Laboratory, for Salmonella isolation and Laboratory for Food Control of Animal Origin- National Reference Laboratory for Salmonella, for serotyping. Since 2014 no Salmonella Enteritidis or Salmonella Typhimurium (including monophasic ST 1,4,[5],12:i:-) was detected in breeding and laying hens. Regarding broilers the last case of Salmonella Typhimurium (monophasic) was in June of 2014.

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Institutions and Laboratories involved in zoonoses monitoring and reporting

Concerning the official laboratories, the Pathology, Bacteriology and parasitology Laboratory of the Veterinary Services detects Salmonella spp .The Laboratory for the control of foods of animal origin serotypes Salmonella spp.

Samples from own checks are examined by the approved for the Salmonella programmes private laboratories. There is no private laboratory which performs serotyping. Isolates from FBO checks are sent to the official laboratory for serotyping.

Short description of the institutions and laboratories involved in data collection and reporting

Description of Monitoring/Surveillance/Control programmes system*: **Breeding flocks – adult/ Salmonella spp in animal populations with control programmes set by EU legislation**

1. Monitoring/Surveillance/Control programmes system^(a)

Samplings are performed at the holding level as follows: Three times during the laying phase at the holding (within four weeks at the beginning, within eight weeks before the end and a third one in between). Every case of a positive salmonella spp result is immediately notified to the District Veterinary Offices and the Rural Veterinary Stations in order to take measures and to the Animal and Welfare Division. All the sampling results and other information including all relevant documents are notified to AHWD without delay and recorded in a central database for the monitoring and supervision of the programme. This information include also dates of all the epidemiological investigations that took place in every case, number of infected birds/eggs destroyed ,letters sent to owners to take measures etc.

Samples from own checks are examined by the approved for the Salmonella programmes private laboratories. Results are communicated to the Veterinary Services and a rejection/acceptance protocol for each individual results report (results evaluation protocol) is in place for both own-check and official samples. The District Veterinary Offices and the Rural Veterinary Stations apply the results evaluation protocol for the results reports of the own checks, while the Animal Health and Welfare Division applies

the results evaluation protocol for the results reports of the official controls. The District Veterinary Offices and the Rural Veterinary Stations are responsible also for the follow up of the implementation of the own checks for each flock. The Animal Health and Welfare Division is also performing once a year follow up's of the implementation of the own checks for each flock in order to supervise the District Veterinary Offices and the Rural Veterinary Stations .In addition, the internal Audit Section performs internal audits. Please click on the following link with all the relevant information of the programme approved by EU.
https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2018-9_salmonella_breeding_gal_cyp.pdf

2. Measures in place^(b)

If the analysis of samples of a breeding flock detects the presence of Salmonella Enteritidis or Salmonella Typhimurium (including monophasic ST 1,4,[5],12:i:-) in the flock, provisions of Part C of Annex II to Regulation (EC) No 2160/2003 apply. In particular, all birds in the flock, day-old chicks, non-incubated and hatching eggs from infected flocks are destroyed.

Preventive measures are taken as soon as there is Salmonella Hadar, Infantis or Virchow. In order to strengthen and enhance the biosecurity measures already in place ,official Veterinarians are reviewing the biosecurity measures in the farm, monitor the procedures and measures taken to reduce or eliminate the infection and perform epidemiological investigation to identify the potential sources of infection in the farm. There is no national legal basis for any measures to apply for animals and eggs if SI/SV/SH is detected. Furthermore, we would like to mention that since 2013 until today no SH/SV/SI was detected in breeding flocks in official and own checks

Please click on the following link with all the relevant information of the programme approved by EU.

https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2018-9_salmonella_breeding_gal_cyp.pdf

3. Notification system in place to the national competent authority^(c)

Any case of isolation of Salmonella in poultry is compulsory to notify without delay to the Veterinary Services of the Republic of Cyprus, according to the Animal Health Law of 2001. There is no private laboratory which performs serotyping. Isolates from FBO checks are sent to the official laboratory for serotyping.

Description of Monitoring/Surveillance/Control programmes system*: laying hens - adult/ *Salmonella* spp in animal populations with control programmes set by EU legislation

1. Monitoring/Surveillance/Control programmes system^(a)

Routine official sampling scheme: EU minimum requirements are implemented i.e. official sampling are performed:

- in one flock per year per holding comprising at least 1,000 birds;
- at the age of 24 +/- 2 weeks in laying flocks housed in buildings where the relevant *Salmonella* was detected in the preceding flock;
- in any case of suspicion of *Salmonella* infection when investigating foodborne outbreaks in accordance with Article 8 of Directive 2003/99/EC or any cases where the competent authority considers it appropriate, using the sampling protocol laid down in point 4(b) of Part D to Annex II to Regulation (EC) No 2160/2003;
- in all other laying flocks on the holding in case *Salmonella* Enteritidis or *Salmonella* Typhimurium is detected in one laying flock on the holding;
- in cases where the competent authority considers appropriate.

Samples at the initiative of the FBOs will be taken and analysed to test for the target *Salmonella* serovars respecting the following minimum sampling requirements:

- a. Rearing flocks: day-old chicks, two weeks before moving to laying phase or laying unit
- b. Adults laying flocks: every 15 weeks during the laying period

Every case of a positive salmonella spp result is immediately notified to the District Veterinary Offices and the Rural Veterinary Stations in order to take measures and to the Animal and Welfare Division. All the sampling results and other information including all relevant documents are notified to AHWD without delay and recorded in a central database for the monitoring and supervision of the programme. This information include also dates of all the epidemiological investigations that took place in every case, number of infected birds/eggs destroyed ,letters sent to owners to take measures etc.

Samples from own checks are examined by the approved for the *Salmonella* programmes private laboratories. Results are communicated to the Veterinary Services and a rejection/acceptance protocol for each individual results report (results evaluation protocol) is in place for both own-check and official samples. The District Veterinary Offices and the Rural Veterinary Stations apply the results evaluation protocol for the results reports of the own checks, while the Animal Health and Welfare Division applies the results evaluation protocol for the results reports of the official controls. The District Veterinary Offices and the Rural Veterinary Stations are responsible also for the follow up of the implementation of the own checks for each flock. The Animal Health and Welfare Division is also performing once a year follow up's of the implementation of the own checks for each flock in order to supervise the District Veterinary Offices and the Rural Veterinary Stations . In addition, the internal Audit Section performs internal audits.

Please click on the following link with all the relevant information of the programme approved by EU.
https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2018-9_salmonella_laying_gg_cyp.pdf

2. Measures in place^(b)

In case of a targeted *Salmonella* sevorar is detected in a flock the main measures of the programme are destruction of flocks and eggs, disinfections of the infected houses and egg package centers with microbiological confirmation, hygiene gap of 21 days for restocking and manure destruction or disinfection

Please click on the following link with all the relevant information of the programme approved by EU.
https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2018-9_salmonella_laying_gg_cyp.pdf

[9_salmonella_laying_gg_cyp.pdf](#)

3. Notification system in place to the national competent authority^(c)

Any case of isolation of Salmonella in poultry is compulsory to notify without delay to the Veterinary Services of the Republic of Cyprus, according to the Animal Health Law of 2001. There is no private laboratory which performs serotyping. Isolates from FBO checks are sent to the official laboratory for serotyping.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: **Broilers - before slaughter/turkeys- Salmonella spp in animal populations with control programmes set by EU legislation**

1. Monitoring/Surveillance/Control programmes system^(a)

In the context of the implementation of the NSCP, at least 10% of the broiler/turkeys holdings existing (that have more than 5000 birds for broilers and more than 500 for turkeys) are officially controlled and sampled every year by the official veterinary authorities. Sampling at the initiative of the FBO complies with the minimum sampling requirements laid down in part B of annex II to Regulation (EC) No 2160/2003 and in point 2 of annex to Reg. (EC) No 200/2012. The results of the analysis of the samples taken by the FBOs must be known before the birds are sent to the slaughterhouse. These results are part of the FCI, which accompanies the birds to the slaughterhouse Annex II, Section III of Regulation (EC) No 852/2004 (FCI)

2. Measures in place^(b)

The FCI information is checked at the slaughterhouse by the official veterinarian of the slaughterhouse and in case of positive SE/ST results, provisions of annex of Reg. (EC) No 1086/2011 are applied (Row 1.28 of Chapter I of Annex I to Regulation (EC) No 2073/2005: absence of SE and ST in 5 samples of 25g of fresh poultry meat)

The carcasses of the poultry from the positive flock are subjected to sampling for salmonella detection, by the food business operators of slaughterhouses in accordance with Annex I to Regulation (EC) No 1086/2011.

If the salmonella test results are positive for *S. Enteritidis*/*S. Typhimurium* or *S. Typhimurium* (1,4,[5],12:i:-), the products from these poultry may be placed on the market for human consumption after heat treatment, in accordance with applicable law on food hygiene. If such products are not intended for human consumption, they must be used or disposed of in accordance with Regulation (EC) No 1069/2009.

3. Notification system in place to the national competent authority^(c)

Any case of isolation of Salmonella in poultry is compulsory to notify without delay to the Veterinary Services of the Republic of Cyprus, according to the Animal Health Law of 2001. There is no private laboratory which performs serotyping. Isolates from FBO checks are sent to the official laboratory for serotyping.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Institutions and Laboratories involved in zoonoses monitoring and reporting

Public Health Services and State General Laboratory (Food Microbiology Laboratory) of the Ministry of Health for, mainly, ready-to-eat foods at retail level (and production level for ice creams and foods of non-animal origin).

The Department of Agriculture, together with above authorities, for monitoring of fruits and vegetables at primary production.

Short description of the institutions and laboratories involved in data collection and reporting

Description of Monitoring/Surveillance/Control programmes system*: **General for retail level**

1. Monitoring/Surveillance/Control programmes system^(a)

The State General Laboratory (SGL) is responsible for the official microbiological control of RTE foods at retail level, together with the Public Health Services (PHS) of the Ministry of Health) who are the competent authority. The two authorities design and implement an annual (in the framework of the multi annual) surveillance programme. Samples include a) sandwiches from school and mobile canteens, b) cooked dishes and salads from schools, refectories, hospitals, restaurants, cafes and fast food, hotels, cruise ships, etc, c) pastry desserts from bakeries and confectioneries, d) ice creams from production plants, gelaterias and mobile canteens, e) pasteurised milk, cheeses, rte meat and vegetable products, smoked fish, and powdered infant food from supermarkets, f) pre-cut vegetables and fruit from production plants, supermarkets and restaurants, g) non pasteurised juices from cafes.

The surveillance programme also includes a small number of meat preparations, intended to be eaten cooked, from supermarkets. This food category is covered by a much greater extent by the Veterinary Services (competent authority for primary production level of animal origin foods), through their own sampling programs.

Every year the sampling program has some variations like new targeted food categories and reduction or increase of samples from certain categories depending on previous years' findings. For example, in 2018 there were seasonal chocolates for salmonella, frozen vegetables for *Listeria monocytogenes* (in light of European outbreak) and flour and dough for STEC (in light of North America outbreak).

The programme is implemented by District and Municipal Public Health Services in an objective sampling strategy.

In addition, samples are also received from border inspection and usually involve sesame seeds, halva, tahini and desiccated coconut.

2. Measures in place^(b)

Write text here please

3. Notification system in place to the national competent authority^(c)

Write text here please

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Write text here please
5. Additional information
Write text here please
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

<p>Description of Monitoring/Surveillance/Control programmes system*: <i>Salmonella spp. and Listeria monocytogenes</i> in food at retail level</p>
<p>1. Monitoring/Surveillance/Control programmes system^(a)</p> <p>Food categories like sandwiches, pre-cut fruit and vegetables, ice creams are virtually sampled throughout the year. All local producers or establishments (school canteens, mobile canteens, gelaterias) are sampled at retail level at least once a year. Pre-cut veg and ice creams are also sampled at production/processing plants in batches.</p> <p>In the case of cheeses, rte meat products and smoked fish from supermarkets (sampled in two periods), the aim is that the samples are representative of the market with emphasis on local producers. In this way at least one product from each local producer is sampled.</p> <p>The same applies with infant food (sampled in two periods during the year), except that there are no locally produced such products. Again, virtually all producers from the Cypriot market are sampled. For convenience reasons some food categories (eg. infant formulae, baby food, different types of cheeses and meat products) from supermarkets are sampled by certain districts and not by others. Due to the small size of the Cyprus market, all producers are represented in all districts, therefore we still consider this as objective sampling.</p> <p>Some products are consumed seasonally, hence are sampled in either a single period (eg. flaouna cheese for Easter) or during certain periods (e.g. halva, tahini, houmous, tarama in fasting periods). Bakery and pastry products and non-pasteurised juices are sampled in two periods. Samples are taken from representative establishments.</p> <p>Prepared dishes (cooked) and salads are sampled throughout the year from hospitals, during the academic year from day long schools and universities, during the summer from cruise ships, airline catering, camping sites, hotels and restaurants and in single 1 month periods from specialised cuisine restaurants and fast foods.</p> <p>Imported sesame seeds and desiccated coconut, and products thereof, from 3rd countries are also sampled in batches of 5 samples.</p>
<p>2. Measures in place^(b)</p> <p>Write text here please</p>
<p>3. Notification system in place to the national competent authority^(c)</p>

Write text here please
4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
There is notable presence of Salmonella in imported sesame seeds and (at a lesser rate) desiccated coconut (not in 2018) from 3 rd countries. Salmonella is consistently detected in raw chicken and to a lesser extent pork, meat preparations intended to be eaten cooked. However, Cypriot consumers generally cook their meat well and, therefore, not considering cross-contamination, the risk is relatively low. There are only 1-3 positive food samples per year for Salmonella (mainly salads) and L. monocytogenes at retail level (rte meat products, smoked fish, although none were found in 2018).
5. Additional information
Write text here please
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

Description of Monitoring/Surveillance/Control programmes system*: Verotoxigenic <i>E. coli</i> in food of non-animal origin
1. Monitoring/Surveillance/Control programmes system^(a)
There is no local production of sprouted seeds in Cyprus, at the moment, as demonstrated by the investigation of the PHS in previous years. Therefore, for 2018 we tested a limited number of frozen non RTE spring rolls (imported) from retail with negative results. In light of the STEC outbreak in North America and relevant positive findings in other EU countries, we sampled a limited number of flour/frozen dough from supermarkets (10 in total). STEC were not detected.
2. Measures in place^(b)
3. Notification system in place to the national competent authority^(c)
4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
It is worth noting that there have been virtually no reported VTEC human cases in the past 5 years in Cyprus
5. Additional information

<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

<p>Description of Monitoring/Surveillance/Control programmes system*: Staphylococcal enterotoxins in food</p>
<p>1. Monitoring/Surveillance/Control programmes system^(a)</p> <p>Regarding retail level there was a two-year surveillance programme in 2014-2015 for cheeses at retail level. All were negative. In the past 10 years there have been 3 outbreaks due to staphylococcal enterotoxins (SET) in Cypriot cheese but, generally, the microbiological quality of local cheeses is very good, due to the use of pasteurised milk in production. Therefore, it is not necessary to have a monitoring programme for SET. Coagulase positive staphylococci (CPS) are, of course, monitored and in case of high counts we would proceed to analysis for SET. If a high count of CPS are enumerated in RTE food sample we would proceed to test for SET.</p>
<p>2. Measures in place^(b)</p>
<p>3. Notification system in place to the national competent authority^(c)</p>
<p>4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)</p> <p>Only sporadic cases/outbreaks (0-2 per year). None in 2018.</p>
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

<p>Description of Monitoring/Surveillance/Control programmes system*: Cronobacter spp. in infant formulae</p>
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1. Monitoring/Surveillance/Control programmes system^(a)
There no locally produced infant formulae/ follow-on formulae in Cyprus. Therefore, sampling for this food category is only from retail level and the products are, normally, from the EU.
2. Measures in place^(b)
3. Notification system in place to the national competent authority^(c)
4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)
No positive samples in past 8 years.
5. Additional information
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

Food-borne Outbreaks

1. System in place for identification, epidemiological investigations and reporting of food-borne outbreaks

The CY Unit for the Surveillance and Control of Communicable Diseases (Ministry Of Health) is responsible for the coordination of foodborne outbreaks investigation. The Public Health Services (PHS, Ministry of Health) would normally receive notification of FBO cases either from the above unit, clinical doctors and/or affected consumers themselves. Together with the State General Laboratory (SGL, Ministry of Health) they would plan the sampling of suspected foodstuffs for the investigation. The SGL would carry out the microbiological analyses of food/water whereas the clinical laboratories of the hospitals and/or the Reference Clinical Microbiology Laboratory at the Nicosia General Hospital would carry out any analyses on clinical samples. If necessary and relevant, the Veterinary Services (VS, Ministry of Agriculture, Natural Resources and the Environment) will also be notified for further investigation in local producers of food of animal origin and/or farms. The PHS are responsible for the reporting of notifiable disease cases to ECDC, whereas they are jointly responsible with the SGL for reporting FBOs to EFSA.

2. Description of the types of outbreaks covered by the reporting

The reporting would cover both strong and weak evidence outbreaks.

3. National evaluation of the reported outbreaks in the country^(a)

There were two reported salmonella outbreaks from restaurants for 2018 in Cyprus. Generally, the number of reported outbreaks in Cyprus is low but there is probably under reporting of case/outbreaks.

4. Descriptions of single outbreaks of special interest

5. Control measures or other actions taken to improve the situation

The VS and the PHS/SGL, through their inspections and surveillance sampling programmes, target the food categories that are considered as high risk.

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

N/A

7. Additional information

(a): Trends in numbers of outbreaks and numbers of human cases involved, relevance of the different causative agents, food categories and the agent/food category combinations, relevance of the different type of places of food production and preparation in outbreaks, evaluation of the severity of the human cases.

Institutions and Laboratories involved in zoonoses monitoring and reporting

Veterinary Pathology, bacteriology and Parasitology Laboratory

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: **Coxiella**

1. History of the disease and/or infection in the country^(a)

Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Write text here please

4. Additional information

Write text here please

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: All Animals-Farmed-Herd/Flock / Coxiella

1. Monitoring/Surveillance/Control programmes system^(a)

Clinical investigations-Suspect sampling

2. Measures in place^(b)

Write text here please

3. Notification system in place to the national competent authority^(c)

Write text here please

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Write text here please

5. Additional information

Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Institutions and Laboratories involved in zoonoses monitoring and reporting

Veterinary Pathology, bacteriology and Parasitology Laboratory

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: **Echinococcus granulosus**

1. History of the disease and/or infection in the country^(a)

Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Write text here please

4. Additional information

Write text here please

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: Wild

mouflons-Natural habitat/ Echinococcus granulosus

1. Monitoring/Surveillance/Control programmes system^(a)

Convenient Sampling

2. Measures in place^(b)

Write text here please

3. Notification system in place to the national competent authority^(c)

Write text here please

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Write text here please

5. Additional information

Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Institutions and Laboratories involved in zoonoses monitoring and reporting

Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO)

Write text here please

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: *Campylobacter in donkey milk*

1. History of the disease and/or infection in the country^(a)

There no records on Campylobacter disease/ infection in Cyprus.

Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Not applicable

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Not applicable

Write text here please

4. Additional information

No

Write text here please

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official “disease status” to be specified for the whole country and/or specific regions within the country

(b): If applicable

**Description of Monitoring/Surveillance/Control programmes system*:
Campylobacter**

1. Monitoring/Surveillance/Control programmes system^(a)

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services. It is an objective sampling. Samples of donkey milk are collected by the Food Business on risk based twice per year. **Suspension sampling:** a sampling is carried out when there is a suspension of presence of Campylobacter in the establishment.
Sampling stage: the sampling is taken place in food business (processing plant).
Sampler: the sampling is performed by the Veterinary Services.
Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples during transport are storage in cooling box.
Testing scheme: the diagnostic method used EN/ISO 10272-1

Write text here please

2. Measures in place^(b)

When Campylobacter is present the following measures are in place

- seizure and destruction of the batch,
- suspension of operation of the establishment
- corrective action by the FBO
- Suspension sampling: sampling of a new batch by the same product
- Withdrawal and Recall

Write text here please

3. Notification system in place to the national competent authority^(c)

Not Mandatory
Write text here please

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

There are no results of investigation
Write text here please

5. Additional information

-
Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

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Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO)

Write text here please

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: *Listeria monocytogenes* in donkey milk

1. History of the disease and/or infection in the country^(a)

There no records on *L. Monocytogenes* disease/ infection in Cyprus.

Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Not applicable

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Not applicable

Write text here please

4. Additional information

No

Write text here please

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: **L. Monocytogenes**

1. Monitoring/Surveillance/Control programmes system^(a)

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services.

It is an objective sampling. Samples of donkey milk are collected by the Food Business on risk based twice per year. Suspension sampling: a sampling is carried out when there is a suspension of presence of L. Monocytogenes in the establishment.

Sampling stage: the sampling is taken place in food business (processing plant).

Sampler: the sampling is performed by the Veterinary Services.

Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples during transport are storage in cooling box.

Testing scheme: the diagnostic method used EN/ISO 11290-1

Write text here please

2. Measures in place^(b)

When L. Monocytogenes is present the following measures are in place

- seizure and destruction of the batch,
- suspension of operation of the establishment
- corrective action by the FBO
- Suspension sampling: sampling of a new batch by the same product and / or different product.
- Withdrawal and Recall

Write text here please

3. Notification system in place to the national competent authority^(c)

Not Mandatory

Write text here please

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

There are no results of investigation

Write text here please

5. Additional information

-

Write text here please

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Institutions and Laboratories involved in zoonoses monitoring and reporting

Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO)

Write text here please

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: **Listeria monocytogenes**

1. History of the disease and/or infection in the country^(a)

There no records on L. Monocytogenes disease/ infection in Cyprus.

Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Not applicable

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Not applicable

Write text here please

4. Additional information

No

Write text here please

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: L. Monocytogenes

1. Monitoring/Surveillance/Control programmes system^(a)

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services. It is an objective sampling. Samples of ready to eat food of animal origin are collected by the Food Business producing ready to eat food on risk based twice per year. The batch is retained until the issue of the result. **Suspension sampling:** a sampling is carried out when there is a suspension of presence of L. Monocytogenes in the establishment.
Sampling stage: the sampling is taken place in food business (processing plant).
Sampler: the sampling is performed by the Veterinary Services.
Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples during transport are storage in cooling box.
Testing scheme: the diagnostic method used EN/ISO 11290-1, 11290-2

2. Measures in place^(b)

- When L. Monocytogenes is present (n=5, c=0) the following measures are in place
- seizure and destruction of the batch,
 - suspension of operation of the establishment
 - corrective action by the FBO
 - **Suspension sampling:** sampling of a new batch by the same product and / or different product.
 - **Withdrawal and Recall**

Write text here please

3. Notification system in place to the national competent authority^(c)

Not Mandatory
Write text here please

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

There are no results of investigation
Write text here please

5. Additional information

-
Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
 (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
 (c): Mandatory: Yes/No.
 (d): Minimum five years.
 (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO)

Write text here please

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: **Salmonella in donkey milk**

1. History of the disease and/or infection in the country^(a)

-

Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Not applicable

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Not applicable

Write text here please

4. Additional information

No

Write text here please

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: **Salmonella in donkey milk**

1. Monitoring/Surveillance/Control programmes system^(a)

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services. It is an objective sampling. Samples of donkey milk are collected by the Food Business on risk based twice per year. Suspension sampling: a sampling is carried out when there is a suspension of presence of Salmonella in the establishment.

Sampling stage: the sampling is taken place in food business (processing plant).

Sampler: the sampling is performed by the Veterinary Services.

Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples during transport are storage in cooling box.

Testing scheme: the diagnostic method used EN/ISO 6579

Write text here please

2. Measures in place^(b)

When Salmonella is present the following measures are in place

- seizure and destruction of the batch,
- suspension of operation of the establishment
- corrective action by the FBO
- Suspension sampling: sampling of a new batch by the same product
- Withdrawal and Recall

Write text here please

3. Notification system in place to the national competent authority^(c)

Not Mandatory

Write text here please

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

There are no results of investigation

Write text here please

5. Additional information

-

Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO)

Write text here please

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: **Salmonella**

1. History of the disease and/or infection in the country^(a)

-

Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Not applicable

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Not applicable

Write text here please

4. Additional information

No

Write text here please

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: **Salmonella**

1. Monitoring/Surveillance/Control programmes system^(a)

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services. It is an objective sampling. Samples of products (Minced meat and meat preparations intended to be eaten raw, Minced meat and meat preparations made from poultry meat intended to be eaten cooked, Minced meat and meat preparations made from other species than poultry intended to be eaten cooked, Meat products intended to be eaten raw, excluding products where the manufacturing process or the composition of the product will eliminate the salmonella risk, Meat products made from poultry meat intended to be eaten cooked, Cheeses, butter and cream made from raw milk or milk that has undergone a lower heat treatment than pasteurisation, Carcasses of cattle, sheep, goats, pigs, Poultry carcasses of broilers and turkeys), are collected by the Food Business on risk based twice per year. Suspension sampling: a sampling is carried out when there is a suspension of presence of Salmonella in the establishment.

Sampling stage: the sampling is taken place in food business (processing plant).

Sampler: the sampling is performed by the Veterinary Services.

Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples during transport are storage in cooling box.

Testing scheme: the diagnostic method used EN/ISO 6579

2. Measures in place^(b)

When Salmonella is a safety criteria the following measures are in place

- seizure and destruction of the batch,
- suspension of operation of the establishment
- corrective action by the FBO
- Suspension sampling: sampling of a new batch by the same product and / or different product.
- Withdrawal and Recall

When Salmonella is hygiene criteria the FBO takes improvements in slaughter hygiene.

Write text here please

3. Notification system in place to the national competent authority^(c)

Not Mandatory

Write text here please

There are no results of investigation

Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Institutions and Laboratories involved in zoonoses monitoring and reporting

Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO)
Slaughterhouse Laboratories
Write text here please

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: *Trichinella*

1. History of the disease and/or infection in the country^(a)

There no records on Trichinella disease/ infection in Cyprus.
Write text here please

2. Evaluation of status, trends and relevance as a source for humans

Not applicable

Write text here please

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Not applicable

Write text here please

4. Additional information

No

Write text here please

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: **Trichinella**

1. Monitoring/Surveillance/Control programmes system^(a)

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services. It is an objective sampling. Samples of pig- meat is collected in slaughterhouses by all slaughtered pigs and examined according to the reference method of Reg. 2075/2005, 2015/1375 for trichinella. The batch is retained in the slaughterhouse until the issue of the result.

Also the Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO) of Veterinary Services examine samples of wildlife animal (foxes, Hedgehogs) for trichinella.

Suspension sampling: not applied until now. All the results are negative to trichinella.

Sampling stage: for trichinella testing in pigs the sampling is taken place in the slaughterhouse (processing plant), for trichinella testing in wildlife animals the sampling is taken place in field by Cyprus Hunting and Wildlife Service.

Sampler: the sampling is taken by the staff of slaughterhouse under the supervision of the Veterinary Services.

Description of sampling techniques: for trichinella testing in pigs the size is 1 gr for pigs and 2 gr for saws. The samples are examined for every 100 pigs. The method performed is according to the Reg. 2075/2005, 2015/1375. For testing trichinella in wild life sample size is 100 gr of one wildlife animal. The method performed is according to the Reg. 2075/2005, 2015/1375

Testing scheme: the diagnostic method used the reference method of Reg. 2075/2005, 2015/1375

Write text here please

2. Measures in place^(b)

No positive results until now.

Response of the positive sample to slaughterhouse

- Positive carcass is detected by examining grouped samples from 20 pigs, then from 5 pigs, and ultimately from each of the 5 pigs.
- If infected carcasses cannot be identified at the slaughterhouse, the above procedure is repeated for all carcasses of that batch retained until the infected carcass is found.
- The suspect carcass is retained and more samples are taken from it. The central offices of VS are also notified. The Official Veterinarian shall send to the central offices of VS the food chain information for pigs positive to Trichinella as well as all information on the suspicion of Trichinella.
- The positive sample (after inactivation), along with the samples taken from the suspect carcass are sent to the SNA for confirmation.
- If the result of the slaughterhouse's laboratory is confirmed, the central offices of VS is informed in writing.
- The positive carcass is seized and destroyed as well as all by-products from this carcass.

Wildlife samples are examined in the LCFAO.

Preliminary action: The presence of Trichinella, which is a notifiable disease, must be legally reported by any veterinarian who works in a slaughterhouse without delay in the Veterinary Services; and also from any veterinarian who is in charge of a laboratory for the diagnosis of Trichinellosis in which a positive sample has been found. Upon receipt of the report on the presence of Trichinella, the CVO empowers the District Veterinary Officer to which the holding belongs for further investigation of the incident. An official veterinarian must visit the holding and, among other things, conduct research to identify the source of the infection and to determine its possible spread to wildlife.

A veterinary research will take place and restrictions on movement will be applied as following: Immediately upon arrival on the infected holding, the official veterinarian must provide a notice to the owner or the owner's representative by imposing the following restrictions:

<ul style="list-style-type: none"> – All animals on the holding must be restricted to the premises of the holding, – No animal leaves the holding without the permission of the Veterinary Services, with the exception of slaughter, – The owner must provide a list of all the pigs on the holding according to their age. The list should be updated daily for births, deaths and massacres during the restraint period. The directory information should be provided when requested and checked at each farm visit. <p>Within 24 hours of the official confirmation of a positive result, the Commission of the European Union and the other Member States must be officially informed. The Community Disclosure Scheme will be used for such notifications. If meat and meat products from the infected holding have been exported prior to affirming the positive result, the countries of destination of these products should be informed</p> <p>Once the Trichinellosis diagnosis is confirmed, the Veterinary Services must establish a protection zone within a radius of at least 3 km around the infected holding.</p> <p>The country's surveillance program for Trichinella for the capture of rodents and other wild animals is intensifying throughout the island during the first year after the positive result is detected. The capture and examination of wild animals along the green line separating the area controlled by the non-controlled area from the Cypriot government should be intensified during the first year after the detection of the positive result.</p> <p>All necessary measures should be taken at the level of establishments producing food of animal origin and, at the retail level, carcasses, meat and meat products from the infected holding can be traced back to the traceability system. Other involved CAs (eg Health Services) should take all necessary measures, such as checking traceability for meat products at the retail level, withdrawing and withdrawing products.</p> <p>Write text here please</p>
<p>3. Notification system in place to the national competent authority^(c)</p>
<p>Mandatory</p> <p>Write text here please</p>
<p>4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)</p>
<p>There are no results of investigation</p> <p>Write text here please</p>
<p>5. Additional information</p> <p>-</p> <p>Write text here please</p>
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

Institutions and Laboratories involved in zoonoses monitoring and reporting

The Laboratory for Animal Health (bacteriology/serology laboratory) of Cyprus's Veterinary Services.

Short description of the institutions and laboratories involved in data collection and reporting

General evaluation*: **Mycobacterium bovis in cattle**

1. History of the disease and/or infection in the country^(a)

It has always been a notifiable in Cyprus and any occurrence of the disease is obligatory notifiable to the Veterinary Services by law. No case has been reported since 1928.

2. Evaluation of status, trends and relevance as a source for humans

No case has been reported due to Mycobacterium bovis during the last 5 years.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

N/A.

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*:

Mycobacterium bovis in cattle

1. Monitoring/Surveillance/Control programmes system^(a)

All bovine animals above the age of six weeks are tested for tuberculosis (TB) by the single intradermal test.

In order a holding to be assigned the TB Official free status (TBOFS), its animals must undergo two consecutive tuberculin tests within a minimum of a six month time interval. A holding retains its TBOFS if all its animals above six weeks of age are subjected to tuberculin testing every year. When a region is declared as Officially Free, then its holdings are tested every two years.

If an animal yields a non-negative reaction to the single intradermal test it is further examined with the comparative intradermal test.

If it yields a non-negative reaction to the second test it is considered positive; the animal is slaughtered, necrotoomically examined for TB lesions and samples are taken for laboratory in order to detect M. bovis.

2. Measures in place^(b)

In case of a positive result, the animal is slaughtered and samples are taken for the laboratory (microbiological) isolation of M. bovis. Movement restrictions are imposed on the herd and the milk must be pasteurized.

If the presence of TB is not confirmed laboratorily, the already applied movement restrictions are lifted following a negative test applied on all animals over six weeks of age. The test is conducted at least 42 days after the removal of the reactors animals.

On the other hand if TB is laboratorily confirmed, movement restrictions are lifted when cleansing and disinfection of the premises and utensils has been completed and all animals over six weeks of age have reacted negatively to at least two consecutive tuberculin tests. The first one conducted not less than 60 days and the second not less than four months and no more than 12 after the removal of the last positive animal.

3. Notification system in place to the national competent authority^(c)

It has always been a notifiable in Cyprus and any occurrence of the disease is obligatory notifiable to the Veterinary Services according to the Animal Health Laws.

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Tuberculin test campaigns have been applied since 1970 on all bovines over the age of six months.

Since 1986 tuberculin test had been applied only on bovines over the age of 24 months. Records indicate that tests on herd level were performed during the following periods: 1982-1983, 1986-1988, 1994-1995, and 2000-2001. The records proved that the animals which had initially reacted positively or inconclusively to the tuberculin test were retested according to the provisions of Directive 64/432/EEC and all proved to be negative.

An island wide tuberculin test campaign has begun since 2004 according to Directive 64/432/EEC provisions. Since then, M. bovis has not been detected.

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; 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 applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).