European Food Safety Authority

ZOONOSES MONITORING

Italy

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

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

IN 2019

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 Italy during the year 2019.

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

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

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

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

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N_A 473
Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Monitoring - Official sampling - ESBL MON pnl2 475
N_A 475
Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Monitoring - Official sampling - ESBL MON 477
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Pigs - fattening pigs - Slaughterhouse - Monitoring - Official sampling - AMR MON pnl2 479
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ANIMAL POPULATION TABLES

Table Susceptible animal population

		Population			
Animal species	**Category of animals**	**holding**	**animal**	**slaughter animal (heads)**	**herd/flock**
Cattle (bovine animals)	Cattle (bovine animals) - calves (under 1 year)	535	246,992	371,326	564
	Cattle (bovine animals) - dairy cows	24,763	2,669,929	414,884	25,418
	Cattle (bovine animals) - meat production animals	76,269	2,197,269	1,477,684	79,523
	Cattle (bovine animals) - mixed herds	15,465	511,883	109,450	16,298
Ducks	Ducks - breeding flocks, unspecified	13	34,030	0	31
	Ducks - meat production flocks	77	247,386	1,217,171	171,934
	Ducks - mixed flocks/holdings	0	0	0	0
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks for broiler production line	238	5,344,853	2,953,173	690
	Gallus gallus (fowl) - breeding flocks for egg production line	58	1,208,684	600,322	131
	Gallus gallus (fowl) - broilers	2,622	74,535,340	455,978,757	4,991
	Gallus gallus (fowl) - laying hens	2,212	52,321,464	8,898,008	3,880
Geese	Geese - breeding flocks, unspecified	6	13,750	0	17
	Geese - meat production flocks	41	18,462	8,293	34
	Geese - mixed flocks/holdings	0	0	0	0
Goats	Goats - meat production animals	26,453	313,044	44,608	27,401
	Goats - milk goats	5,245	293,388	52,860	5,596
	Goats - mixed herds	16,125	342,821	44,755	17,182
Pigs	Pigs - breeding animals	19,173	2,010,496	2,082,067	20,577
	Pigs - fattening pigs	10,723	5,438,648	8,228,956	11,276
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption	109,842	233,705	21,628	114,802
Sheep	Sheep - meat production animals	31,822	1,197,871	307,362	32,995
	Sheep - milk ewes	13,954	3,955,610	1,235,867	15,847
	Sheep - mixed herds	22,696	2,044,550	592,809	24,142
Solipeds, domestic	Solipeds, domestic - horses	142,417	321,141	17,433	152,894
Turkeys	Turkeys - breeding flocks, unspecified	50	464,839	346,597	179
	Turkeys - meat production flocks	728	10,642,889	25,699,697	2,038
	Turkeys - mixed flocks/holdings	0	0	0	0
Water buffalos	Water buffalos - farmed	2,045	410,688	75,925	2,197
Wild boars	Wild boars - farmed	890	2,921	4,732	900

DISEASE STATUS TABLES

Table Bovine brucellosis - data on animals - Community co-financed eradication programmes

Region	Total number of animals	Number of animals to be tested under the program	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of positive animals slaughtered	Total number of animals slaughtered
ITALIA	1,066,616	744,987	744,512	744,512	2,442	2,395	2,872
Abruzzo	55,613	35,091	35,069	35,069	21	21	21
Molise	18,047	11,284	11,284	11,284	84	84	140
Campania	179,393	124,631	124,626	124,626	295	295	302
Puglia	189,193	137,729	137,729	137,729	227	222	316
Basilicata	106,088	73,695	73,695	73,695	90	90	90
Calabria	129,081	89,750	89,302	89,302	137	136	136
Sicilia	389,201	272,807	272,807	272,807	1,588	1,547	1,867

Table Bovine brucellosis - data on herds - Community co-financed eradication programmes

Region	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
ITALIA	311	23	35,128	28,902	28,773	361
Abruzzo	2	0	3,045	2,141	2,128	2
Molise	13	1	787	471	471	14
Campania	33	4	8,854	6,135	6,134	41
Puglia	35	6	3,505	3,244	3,244	45
Basilicata	20	0	2,558	2,326	2,326	20
Calabria	19	0	6,806	5,299	5,184	20
Sicilia	189	12	9,573	9,286	9,286	219

Table Bovine brucellosis - data on status of herds at the end of the period - Community co-financed eradication programmes

Region	Total number of herds under the program, at the end of the period	Total number of animals under the program, at the end of the period	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
ITALIA	28,476	741,942	3	60	82	5,448	229	10,638	113	1,669	2	16	28,047	724,111
Abruzzo	2,141	35,091	0	0	1	169	1	49	2	40	0	0	2,137	34,833
Molise	471	11,284	0	0	12	552	0	0	0	0	0	0	459	10,732
Campania	6,045	124,285	1	34	10	950	29	746	10	286	0	0	5,995	122,269
Puglia	3,244	137,729	0	0	18	1,328	28	1,941	0	0	0	0	3,198	134,460
Basilicata	2,326	73,695	0	0	0	0	8	1,613	0	0	0	0	2,318	72,082
Calabria	5,216	89,243	2	26	2	62	13	1,360	36	404	0	0	5,163	87,391
Sicilia	9,033	270,615	0	0	39	2,387	150	4,929	65	939	2	16	8,777	262,344

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

Region	Number of animals serologically tested under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals positive to BST under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of infected herds tested under surveillance	Number of herds tested under surveillance by bulk milk	Number of animals or pools tested under surveillance by bulk milk	Number of infected herds tested under surveillance by bulk milk	Number of notified abortions whatever cause under investigations of suspect cases	Number of isolations of Brucella abortus under investigations of suspect cases	Number of abortions due to Brucella infection under investigations of suspect cases	Number of animals tested by microbiology under investigations of suspect cases
ITALIA	3,055	37	99	0	1	59,549	3	2,455,017	12,856	315,935	59,572	3	12,814	420,956	0	537	0	0	53
Piemonte	105	11	15	0	0	8,489	0	340,405	1,550	38,842	8,489	0	364	1,201	0	40	0	0	5
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	3	0	0	0	0	929	0	25,672	0	0	929	0	929	25,672	0	2	0	0	3
Liguria	0	0	0	0	0	727	0	8,462	493	4,494	727	0	0	0	0	0	0	0	0
Lombardia	0	0	0	0	0	9,752	0	681,784	2,431	130,523	9,752	0	3,081	380,041	0	6	0	0	0
Abruzzo	0	0	0	0	0	418	0	6,060	218	3,153	418	0	0	0	0	0	0	0	0
Molise	0	0	0	0	0	914	0	14,734	194	2,403	932	0	0	0	0	0	0	0	0
Puglia	0	0	0	0	0	363	0	7,254	363	3,690	363	0	0	0	0	0	0	0	0
Sardegna	48	0	0	0	0	7,961	0	206,078	2	39	7,961	0	0	0	0	58	0	0	9
Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013)	170	11	0	0	0	7,431	0	102,071	1,203	5,634	7,431	0	4,356	4,420	0	4	0	0	0
Provincia Autonoma di Trento (NUTS 2010-2013)	41	0	0	0	0	1,169	0	33,668	649	4,116	1,169	0	513	1,258	0	19	0	0	0
Veneto (NUTS 2010-2013)	0	0	0	0	0	4,854	0	180,813	528	4,170	4,854	0	596	2,087	0	309	0	0	0
Friuli-Venezia Giulia (NUTS 2010-2013)	0	0	0	0	0	1,109	0	55,021	518	4,614	1,110	0	206	276	0	0	0	0	0
Emilia-Romagna (NUTS 2010-2013)	2,487	10	51	0	0	5,270	0	509,128	767	13,565	5,270	0	2,762	5,980	0	88	0	0	34
Toscana (NUTS 2010-2013)	0	2	0	0	0	2,003	0	45,016	568	8,260	2,003	0	7	21	0	11	0	0	0
Umbria (NUTS 2010-2013)	0	0	0	0	0	1,370	0	32,153	423	7,549	1,371	0	0	0	0	0	0	0	0
Marche (NUTS 2010-2013)	201	3	33	0	1	1,467	3	39,151	577	13,929	1,470	3	0	0	0	0	0	0	2
Lazio (NUTS 2010-2013)	0	0	0	0	0	5,323	0	167,547	2,372	70,954	5,323	0	0	0	0	0	0	0	0

Table Ovine or Caprine brucellosis - data on animals - Community co-financed eradication programmes

Region	Total number of animals	Number of animals to be tested under the program	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of positive animals slaughtered	Total number of animals slaughtered
ITALIA	2,147,341	2,024,041	2,000,394	2,000,394	4,662	4,441	5,759
Abruzzo	167,276	148,380	148,063	148,063	10	0	10
Campania	239,966	226,744	226,582	226,582	38	38	415
Puglia	265,006	254,998	254,998	254,998	102	102	274
Basilicata	171,045	162,699	161,748	161,748	46	46	46
Calabria	357,394	340,078	319,909	319,909	209	174	174
Sicilia	946,654	891,142	889,094	889,094	4,257	4,081	4,840

Table Ovine or Caprine brucellosis - data on herds - Community co-financed eradication programmes

Region	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
ITALIA	168	7	36,116	34,705	34,236	206
Abruzzo	2	0	3,723	3,682	3,673	2
Campania	8	1	6,866	6,298	6,293	10
Puglia	11	1	2,983	2,892	2,892	11
Basilicata	21	0	5,647	5,611	5,596	22
Calabria	18	0	8,210	7,690	7,271	18
Sicilia	108	5	8,687	8,532	8,511	143

Table Ovine or Caprine brucellosis - data on status of herds at the end of the period - Community co-financed eradication programmes

Region	Total number of herds under the program, at the end of the period	Total number of animals under the program, at the end of the period	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
ITALIA	34,471	2,013,790	12	616	42	7,650	381	34,433	293	26,672	2	51	33,741	1,944,368
Abruzzo	3,682	148,380	1	7	0	0	10	47	1	17	0	0	3,670	148,309
Campania	6,257	226,798	0	0	3	655	182	3,783	21	2,849	0	0	6,051	219,511
Puglia	2,892	254,998	0	0	1	239	12	3,090	3	723	0	0	2,876	250,946
Basilicata	5,611	162,699	0	0	0	0	18	3,618	15	951	0	0	5,578	158,130
Calabria	7,615	338,112	9	354	6	924	12	1,561	70	2,516	0	0	7,518	332,757
Sicilia	8,414	882,803	2	255	32	5,832	147	22,334	183	19,616	2	51	8,048	834,715

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

Region	Number of animals serologically tested under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of infected herds tested under surveillance	Number of animals tested by microbiology under investigations of suspect cases
ITALIA	46,446	101	26	0	70,808	1	5,614,110	24,977	640,548	70,848	2	468
Piemonte	1	1	1	0	7,912	0	202,267	1,723	55,657	7,912	0	4
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	1,591	0	0	0	421	0	6,513	113	1,591	421	0	1
Liguria	3,124	0	0	0	2,230	0	20,494	1,312	11,799	2,247	0	0
Lombardia	0	0	0	0	12,510	0	214,774	5,111	72,259	12,510	0	0
Abruzzo	17,027	0	0	0	751	0	25,592	524	17,027	751	0	0
Molise	0	3	0	0	2,394	0	59,307	1,867	47,199	2,399	0	0
Puglia	13,566	0	0	0	372	0	25,626	372	25,626	372	0	0
Sardegna	2,451	93	21	0	14,911	0	3,456,565	2,135	127,176	14,915	1	443
Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013)	1	0	0	0	3,556	0	72,379	3,339	14,455	3,556	0	1
Provincia Autonoma di Trento (NUTS 2010-2013)	0	0	0	0	1,495	0	49,821	702	16,458	1,495	0	0
Veneto (NUTS 2010-2013)	60	1	4	0	2,363	1	88,667	1,083	24,300	2,364	1	4
Friuli-Venezia Giulia (NUTS 2010-2013)	0	0	0	0	701	0	30,665	325	3,203	708	0	0
Emilia-Romagna (NUTS 2010-2013)	692	0	0	0	3,544	0	67,791	1,270	29,865	3,550	0	11
Toscana (NUTS 2010-2013)	7,933	3	0	0	5,703	0	315,713	1,474	37,621	5,703	0	4
Umbria (NUTS 2010-2013)	0	0	0	0	2,834	0	102,553	872	17,237	2,834	0	0
Marche (NUTS 2010-2013)	0	0	0	0	2,794	0	138,327	912	46,544	2,794	0	0
Lazio (NUTS 2010-2013)	0	0	0	0	6,317	0	737,056	1,843	92,531	6,317	0	0

DISEASE STATUS TABLES

Table Bovine tuberculosis - data on animals - Community co-financed eradication programmes

Region	Total number of animals	Number of animals to be tested under the program	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of positive animals slaughtered	Total number of animals slaughtered
ITALIA	1,566,233	1,325,669	1,099,762	1,099,762	1,725	1,713	2,636
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	33,684	31,597	30,704	30,704	0	0	0
Abruzzo	55,611	50,208	50,194	50,194	12	12	12
Molise	42,007	34,112	34,084	34,084	0	0	0
Campania	179,349	143,694	143,586	143,586	190	190	250
Puglia	196,447	168,748	168,748	168,748	126	126	469
Basilicata	106,088	92,997	92,997	92,997	3	3	3
Calabria	129,081	107,676	106,821	106,821	156	153	153
Sicilia	389,190	344,393	344,393	344,393	1,232	1,223	1,736
Sardegna	262,519	191,245	38,641	38,641	0	0	0
Marche (NUTS 2010-2013)	19,170	16,576	16,576	16,576	4	4	11
Lazio (NUTS 2010-2013)	153,087	144,423	73,018	73,018	2	2	2

Table Bovine tuberculosis - data on herds - Community co-financed eradication programmes

Region	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
ITALIA	178	10	49,847	42,464	35,836	227
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	0	0	965	946	946	0
Abruzzo	1	0	3,044	2,733	2,728	1
Molise	0	0	2,274	1,408	1,404	0
Campania	25	3	8,851	6,149	6,149	48
Puglia	6	1	3,868	3,786	3,786	9
Basilicata	3	0	2,558	2,442	2,442	4
Calabria	12	0	6,806	5,330	5,172	18
Sicilia	126	5	9,573	9,304	9,304	140
Sardegna	0	0	7,986	7,623	2,275	0
Marche (NUTS 2010-2013)	5	1	885	517	517	6
Lazio (NUTS 2010-2013)	0	0	3,037	2,226	1,113	1

Table Bovine tuberculosis - data on status of herds at the end of the period - Community co-financed eradication programmes

Region	Total number of herds under the program, at the end of the period	Total number of animals under the program, at the end of the period	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
ITALIA	42,041	1,302,733	8	68	58	3,297	164	9,782	104	2,615	0	0	41,707	1,286,971
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	933	31,579	0	0	0	0	0	0	0	0	0	0	933	31,579
Abruzzo	2,733	50,208	0	0	1	50	0	0	4	44	0	0	2,728	50,114
Molise	1,392	34,018	0	0	0	0	0	0	0	0	0	0	1,392	34,018
Campania	6,057	143,368	0	0	27	835	15	327	22	428	0	0	5,993	141,778
Puglia	3,786	169,234	0	0	0	0	20	1,490	0	0	0	0	3,766	167,744
Basilicata	2,442	92,997	0	0	0	0	2	39	0	0	0	0	2,440	92,958
Calabria	5,217	106,966	0	0	2	253	23	2,002	21	246	0	0	5,171	104,465
Sicilia	8,956	341,693	1	11	23	2,091	97	5,623	48	1,494	0	0	8,787	332,474
Sardegna	7,604	171,671	0	0	0	0	0	0	0	0	0	0	7,604	171,671

Region	Total number of herds under the program, at the end of the period	Total number of animals under the program, at the end of the period	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
Marche (NUTS 2010-2013)	517	16,576	0	0	4	67	2	1	1	0	0	0	510	16,508
Lazio (NUTS 2010-2013)	2,404	144,423	7	57	1	1	5	300	8	403	0	0	2,383	143,662

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 animals	Interval between routine tuberculin tests	Number of animals tested with tuberculin routine testing	Number of tuberculin tests carried out before the introduction into the herds	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Number of animals detected positive in bacteriological examination	Total number of herds
ITALIA	46,695	1	2,819,094		931,075	17,203	164	50	47,098
Piemonte	8,489	0	340,960	(1)	250,218	2,776	5	2	8,489
Liguria	735	0	10,995	(1)	4,704	118	0	0	735
Lombardia	9,757	0	1,217,263	(1)	387,307	0	28	16	9,757
Abruzzo	414	0	8,886	(1)	4,725	4,725	0	0	813
Sardegna	75	0	2,181	(1)	265	0	0	0	75
Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013)	7,428	0	123,130	(1)	94	0	8	0	7,428
Provincia Autonoma di Trento (NUTS 2010-2013)	1,169	0	37,589	(1)	16,187	1,640	0	0	1,169
Veneto (NUTS 2010-2013)	4,853	1	298,352	(1)	72,327	405	31	19	4,854
Friuli-Venezia Giulia (NUTS 2010-2013)	1,078	0	66,768	(1)	2,437	10	0	0	1,078
Emilia-Romagna (NUTS 2010-2013)	5,268	0	509,128	(1)	110,537	4,976	90	13	5,270
Toscana (NUTS 2010-2013)	2,004	0	65,487	(1)	14,623	0	1	0	2,004
Umbria (NUTS 2010-2013)	1,370	0	43,861	(1)	11,988	2,497	1	0	1,371
Marche (NUTS 2010-2013)	950	0	24,948	(1)	15,357	56	0	0	950
Lazio (NUTS 2010-2013)	3,105	0	69,546	(1)	40,306	0	0	0	3,105

PREVALENCE TABLES

Table Brucella:BRUCELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Brucella	0
	Antelopes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Badgers - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	56	0	Brucella	0
	Badgers - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Brucella	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	19	0	Brucella	0
	Bears - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	5	0	Brucella	0
	Bears - wild - Natural habitat - Italy - animal sample - nasal swab - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Brucella	0
	Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	5	0	Brucella	0
	Bears - wild - Natural habitat - Italy - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Brucella	0
	Bears - wild - Natural habitat - Italy - animal sample - vaginal swab - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Brucella	0
	Bison - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Camels - zoo animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	2	0	Brucella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	77	0	Brucella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	14	0	Brucella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	6	0	Brucella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	27	0	Brucella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	6	0	Brucella	0
				herd/flock	1	0	Brucella	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	47	0	Brucella	0
	Deer - wild - fallow deer - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Brucella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Brucella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Brucella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	14	0	Brucella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3	0	Brucella	0
	Deer - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	4	0	Brucella	0
	Deer - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	3	1	Brucella, unspecified sp.	1
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	48	0	Brucella	0
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	54	0	Brucella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Deer - wild - red deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	3	0	Brucella	0
	Deer - wild - roe deer - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	9	0	Brucella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	3	0	Brucella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	7	1	Brucella, unspecified sp.	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	136	0	Brucella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	269	0	Brucella	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	38	0	Brucella	0
	Dormice - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	7	0	Brucella	0
	Dromedaries - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Brucella	0
	Foxes - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	157	0	Brucella	0
	Foxes - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Brucella	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	22	0	Brucella	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Brucella	0
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	429	2	Brucella, unspecified sp.	2
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	0	Brucella	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	85	0	Brucella	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	6	0	Brucella	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	93	0	Brucella	0
	Hedgehogs - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	28	0	Brucella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Brucella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	7	0	Brucella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Brucella	0
	Llamas - farmed - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	0	Brucella	0
	Marine mammals - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	7	0	Brucella	0
	Marten - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	14	0	Brucella	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	3	0	Brucella	0
	Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	3	0	Brucella	0
	Otter - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	19	0	Brucella	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Brucella	0
	Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	567	61	Brucella, unspecified sp.	61

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
ITALIA	Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	50	1	Brucella, unspecified sp.	1
	Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	0	Brucella	0
	Pigs - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	150	32	Brucella, unspecified sp.	32
				herd/flock	1	0	Brucella	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Brucella	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Brucella	0
				herd/flock	12	0	Brucella	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	7	0	Brucella	0
	Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	3	0	Brucella	0
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1849	5	Brucella, unspecified sp.	5
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	7	0	Brucella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	279	0	Brucella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	4	0	Brucella	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	1	0	Brucella	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	14	0	Brucella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Brucella	0
				holding	1	0	Brucella	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Brucella	0
	Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Brucella	0
	Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Water buffalos - farmed - Farm - Italy - animal sample - blood - Control and eradication programmes - Official sampling - Census	N_A	Not Available	animal	281149	9135	Brucella	9,135
	Weasel - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	3	0	Brucella	0
	Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	0	Brucella	0
	Wild boars - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1410	0	Brucella	0
	Wild boars - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	25	0	Brucella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Brucella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1554	147	Brucella, unspecified sp.	147
	Wild boars - wild - Natural habitat - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Brucella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	0	Brucella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	31	0	Brucella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1067	29	Brucella suis - biovar 2	17
							Brucella, unspecified sp.	12
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Brucella	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	32	1	Brucella, unspecified sp.	1
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Brucella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Brucella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	27	0	Brucella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Brucella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	10	0	Brucella	0

Table Brucella:BRUCELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	79	0	Brucella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	35	0	Brucella	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	252	7	Brucella abortus - biovar 3	1
									Brucella melitensis - biovar 3	3
									Brucella, unspecified sp.	3
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	17	8	Brucella, unspecified sp.	8
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	51	0	Brucella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Brucella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Brucella	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	18	0	Brucella	0

Table Campylobacter:CAMPYLOBACTER in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Antelopes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Badgers - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Birds - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Birds - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	13	0	Campylobacter	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	7	0	Campylobacter	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	60	10	Campylobacter coli	1
							Campylobacter jejuni	5
							Campylobacter jejuni subsp. jejuni	1
							Campylobacter lari	2
							Campylobacter, unspecified sp.	1
	Bison - zoo animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Bison - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Campylobacter	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	28	0	Campylobacter	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	4	0	Campylobacter	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	10	0	Campylobacter	0
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	12	0	Campylobacter	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	46	0	Campylobacter	0
				herd/flock	99	5	Campylobacter jejuni	1
							Campylobacter, unspecified sp.	4
				holding	4	1	Campylobacter jejuni	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	4	1	Campylobacter, unspecified sp.	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	18	0	Campylobacter	0
				holding	9	1	Campylobacter jejuni	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Campylobacter	0
				herd/flock	67	0	Campylobacter	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Campylobacter	0
				herd/flock	1	0	Campylobacter	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	222	0	Campylobacter	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Campylobacter	0
	Chinchillas - pet animal - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	4	0	Campylobacter	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	18	0	Campylobacter	0
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	32	0	Campylobacter	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	67	5	Campylobacter coli	3

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
ITALIA	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	67	5	Campylobacter jejuni	1
							Campylobacter jejuni subsp. jejuni	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	103	0	Campylobacter	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	4	1	Campylobacter jejuni	1
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	51	11	Campylobacter jejuni	1
							Campylobacter upsaliensis	7
							Campylobacter, unspecified sp.	3
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	39	1	Campylobacter jejuni	1
	Dolphin - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Ferrets - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	4	0	Campylobacter	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	0	Campylobacter	0
	Foxes - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Campylobacter	0
	Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	2	Campylobacter jejuni	2
	Geese - unspecified - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	6	6	Campylobacter coli	6
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	6	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
				herd/flock	8	0	Campylobacter	0
				holding	1	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Campylobacter	0
				herd/flock	38	1	Campylobacter, unspecified sp.	1
				holding	4	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	8	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	4	0	Campylobacter	0
	Goats - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Campylobacter	0
	Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	2	0	Campylobacter	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	4	0	Campylobacter	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Guinea pigs - pet animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Hedgehogs - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Campylobacter	0
	Lynx - wild - Natural habitat - Italy - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Campylobacter	0
	Monkeys - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	9	0	Campylobacter	0
	Monkeys - zoo animal - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Campylobacter jejuni	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Night herons - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Parrots - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Campylobacter	0
	Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Campylobacter	0
	Parrots - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Campylobacter	0
	Peafowl - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Campylobacter jejuni	1
	Pheasants - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	5	0	Campylobacter	0
	Pigeons - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Pigeons - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Pigeons - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Pigeons - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	9	0	Campylobacter	0
	Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	99	38	Campylobacter jejuni	38
	Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	18	0	Campylobacter	0
	Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	9	0	Campylobacter	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
				herd/flock	2	0	Campylobacter	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	7	3	Campylobacter coli	1
							Campylobacter, unspecified sp.	2
				holding	1	0	Campylobacter	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	2	0	Campylobacter	0
	Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	1	1	Campylobacter, unspecified sp.	1
	Rabbits - pet animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Campylobacter jejuni	1
	Rats - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	37	5	Campylobacter jejuni	5
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Campylobacter, unspecified sp.	1
				herd/flock	82	30	Campylobacter jejuni	30
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	0	Campylobacter	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	75	7	Campylobacter jejuni	1
							Campylobacter, unspecified sp.	6
				holding	5	0	Campylobacter	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	32	0	Campylobacter	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3	0	Campylobacter	0
				herd/flock	1	0	Campylobacter	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	28	0	Campylobacter	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	4	0	Campylobacter	0
	Solipeds, domestic - donkeys - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Campylobacter	0
	Solipeds, domestic - donkeys - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Campylobacter	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	2	0	Campylobacter	0
	Solipeds, domestic - horses - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	159	3	Campylobacter jejuni	1
							Campylobacter, unspecified sp.	2
	Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	9	0	Campylobacter	0
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	6	0	Campylobacter	0
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	6	0	Campylobacter	0
				holding	1	0	Campylobacter	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	60	18	Campylobacter coli	4
							Campylobacter hyointestinalis	1
							Campylobacter jejuni	3
							Campylobacter jejuni subsp. jejuni	5
							Campylobacter lari	1
							Campylobacter, unspecified sp.	4
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	79	1	Campylobacter, unspecified sp.	1
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	20	0	Campylobacter	0
	Wild ducks - farmed - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Campylobacter	0
	Wolves - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Campylobacter	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Campylobacter	0

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
ITALIA	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	85	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Campylobacter	0
	Crustaceans - unspecified - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Eggs - table eggs - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Campylobacter	0
	Fish - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	311	7	Campylobacter, unspecified sp.	7
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Infant formula - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	3	0	Campylobacter	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Campylobacter	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	5	Campylobacter, unspecified sp.	5
	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	1	Campylobacter, unspecified sp.	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	1	Campylobacter, unspecified sp.	1
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	1	Campylobacter coli	1
			25	Gram	N_A	Not Available	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	Not Available	2	2	Campylobacter coli	1
									Campylobacter, unspecified sp.	1
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Campylobacter	0
			25	Gram	N_A	Not Available	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	5	Campylobacter, unspecified sp.	5
	Meat from broilers (Gallus gallus) - minced meat - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from geese - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Campylobacter	0
	Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Campylobacter jejuni	1
	Meat from other animal species or not specified - carcase - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	14	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	27	6	Campylobacter coli	4
									Campylobacter jejuni	1
									Campylobacter, unspecified sp.	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Campylobacter	0
			25	Gram	N_A	Not Available	11	3	Campylobacter, unspecified sp.	3
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Campylobacter	0
			25	Gram	N_A	Not Available	14	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	1	Campylobacter coli	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	6	Campylobacter, unspecified sp.	6
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Campylobacter	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Campylobacter	0
	Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	1	Campylobacter, unspecified sp.	1
	Meat from turkey - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Campylobacter, unspecified sp.	1
	Meat from turkey - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Meat from turkey - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Campylobacter	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	2	0	Campylobacter	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	2	0	Campylobacter	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	53	0	Campylobacter	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Campylobacter	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	63	0	Campylobacter	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	40	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	557	2	Campylobacter jejuni	1
									Campylobacter, unspecified sp.	1
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	30	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Campylobacter	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Campylobacter	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	102	0	Campylobacter	0
	Milk, goats' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Campylobacter	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	18	0	Campylobacter	0
	Milk, goats' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Campylobacter	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Molluscan shellfish - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	22	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Campylobacter	0

Table Campylobacter:CAMPYLOBACTER in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other feed material - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Campylobacter	0

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
ITALIA	Alpacas - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	3	0		Coxiella	0
	Antelopes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-time PCR (CEN TC275/WG6)	3	0		Coxiella	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	4	0		Coxiella	0
	Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	1	0		Coxiella	0
	Bison - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-time PCR (CEN TC275/WG6)	3	0		Coxiella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	3	0		Coxiella	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Enzyme-linked immunosorbent assay (ELISA)	15	0		Coxiella	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	1	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Classification not possible	3858	24		Coxiella burnetii	24
		herd/flock	N_A	Classification not possible	43	41	0	Coxiella burnetii	41
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Enzyme-linked immunosorbent assay (ELISA)	271	5		Coxiella spp., unspecified	5
		herd/flock	N_A	Enzyme-linked immunosorbent assay (ELISA)	32	2	0	Coxiella burnetii	2
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	PCR	5	0	0	Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	herd/flock	N_A	Enzyme-linked immunosorbent assay (ELISA)	500	167	0	Coxiella burnetii	167
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	18	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Multiplex PCR	2	0	0	Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	17	1		Coxiella burnetii	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	358	0		Coxiella	0
		herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	9	1	0	Coxiella burnetii	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	20	0	0	Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Multiplex PCR	2	0	0	Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	96	5		Coxiella burnetii	5
		herd/flock	N_A	PCR	12	0	0	Coxiella	0
		holding	N_A	PCR	3	0	0	Coxiella	0

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
ITALIA	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	5	0	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	29	0	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	1	0	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	herd/flock	N_A	Multiplex PCR	1	0	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	PCR	8	0			Coxiella	0
		herd/flock	N_A	PCR	4	0	0		Coxiella	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	1	0			Coxiella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	1	0			Coxiella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	PCR	1	0			Coxiella	0
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	1	0			Coxiella	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	2	0			Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	1	0			Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	1	0			Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	1	0			Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-Time PCR (qualitative or quantitative)	1	0			Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	4	0			Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	PCR	13	0			Coxiella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Classification not possible	28	1			Coxiella burnetii	1
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Indirect Immunofluorescent Antibody test (IFAT)	1	1			Coxiella burnetii	1
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Enzyme-linked immunosorbent assay (ELISA)	5	0			Coxiella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Multiplex PCR	3	0			Coxiella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	6	0			Coxiella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	3	0			Coxiella	0
	Dolphin - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	1	0			Coxiella	0
	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	9	0			Coxiella	0
	Dromedaries - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	1	0			Coxiella	0

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
ITALIA	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	PCR	8	0		Coxiella	0
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Classification not possible	84	0		Coxiella	0
		herd/flock	N_A	Classification not possible	158	136	0	Coxiella burnetii	136
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Enzyme-linked immunosorbent assay (ELISA)	385	101		Coxiella burnetii	101
		herd/flock	N_A	Enzyme-linked immunosorbent assay (ELISA)	21	18	0	Coxiella burnetii	18
	Goats - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	herd/flock	N_A	PCR	1	0	0	Coxiella	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Classification not possible	41	31	0	Coxiella burnetii	31
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	4	1	0	Coxiella burnetii	1
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Multiplex PCR	3	1	0	Coxiella burnetii	1
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	15	1		Coxiella burnetii	1
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Classification not possible	8	7	0	Coxiella burnetii	7
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	50	0		Coxiella	0
		herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	14	1	0	Coxiella burnetii	1
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	14	1	0	Coxiella spp., unspecified	1
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Multiplex PCR	5	1	1	Coxiella burnetii	1
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Enzyme-linked immunosorbent assay (ELISA)	9	4	0	Coxiella burnetii	4
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	54	15		Coxiella burnetii	15
		herd/flock	N_A	PCR	3	0	0	Coxiella	0
		holding	N_A	PCR	2	0	0	Coxiella	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	3	0	0	Coxiella	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	49	0		Coxiella	0
		herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	15	0	0	Coxiella	0
	Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	herd/flock	N_A	PCR	9	0	0	Coxiella	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	N_A	PCR	1	0	0	Coxiella	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	1	0		Coxiella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	3	0		Coxiella	0

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
ITALIA	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	1	0		Coxiella	0
	Llamas - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	1	0		Coxiella	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	1	0		Coxiella	0
	Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	3	0		Coxiella	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	3	0		Coxiella	0
	Parrots - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	Multiplex PCR	1	0		Coxiella	0
	Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	1	0		Coxiella	0
	Pigeons - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	16	0		Coxiella	0
	Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	holding	N_A	Enzyme-linked immunosorbent assay (ELISA)	1	0	0	Coxiella	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Multiplex PCR	1	0	0	Coxiella	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	2	0		Coxiella	0
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Classification not possible	1854	299		Coxiella burnetii	299
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Enzyme-linked immunosorbent assay (ELISA)	25	7	0	Coxiella burnetii	7
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	PCR	1	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	11	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	PCR	4	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Classification not possible	53	16	0	Coxiella burnetii	16
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	24	0		Coxiella	0
		herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	44	6	0	Coxiella burnetii	6
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	25	1	1	Coxiella burnetii	1
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Multiplex PCR	6	4	0	Coxiella burnetii	4
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	128	35		Coxiella burnetii	35
		herd/flock	N_A	PCR	8	1	0	Coxiella burnetii	1
		holding	N_A	PCR	3	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	7	1	0	Coxiella spp., unspecified	1
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	16	0		Coxiella	0
		herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	24	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	PCR	9	1		Coxiella burnetii	1
		herd/flock	N_A	PCR	1	0	0	Coxiella	0

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
ITALIA	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	N_A	Classification not possible	1	0			Coxiella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Complement fixation test (CFT)	2	0			Coxiella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	3	0			Coxiella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Enzyme-linked immunosorbent assay (ELISA)	1	0			Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal	N_A	Complement fixation test (CFT)	1	0			Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	2	0			Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	2	0	0		Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	PCR	3	0			Coxiella	0
		holding	N_A	PCR	1	0	0		Coxiella	0
	Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	N_A	Real-Time PCR (qualitative or quantitative)	1	0			Coxiella	0
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-Time PCR (qualitative or quantitative)	1	0	0		Coxiella	0
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock	N_A	Real-time PCR (CEN TC275/WG6)	11	0	0		Coxiella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	N_A	Real-time PCR (CEN TC275/WG6)	1	0			Coxiella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	PCR	4	0			Coxiella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal	N_A	PCR	3	0			Coxiella	0

Table COXIELLA 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	N of clinical affected herds	Zoonoses		N of units positive
ITALIA	Milk from other animal species or unspecified - pasteurised milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Classification not possible	19	13	0		Coxiella burnetii	13

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
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Echinococcus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Echinococcus	0
	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	355766	15	Echinococcus granulosus sensu lato	15
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	4	2	Echinococcus, unspecified sp.	2
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	313127	285	Echinococcus granulosus sensu lato	11
							Echinococcus, unspecified sp.	274
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1686035	2671	Echinococcus granulosus sensu lato	53
							Echinococcus, unspecified sp.	2,618
				slaughter animal batch	595	0	Echinococcus	0
	Deer - wild - fallow deer - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	326	0	Echinococcus	0
	Deer - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	8	0	Echinococcus	0
	Deer - wild - roe deer - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	415	0	Echinococcus	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Echinococcus	0
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	8	0	Echinococcus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	9	0	Echinococcus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	PCR	animal	1	0	Echinococcus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3	0	Echinococcus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	14	0	Echinococcus	0
	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	2186	2	Echinococcus granulosus sensu lato	2
				slaughter animal batch	18	0	Echinococcus	0
	Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	5793	0	Echinococcus	0
				slaughter animal batch	35	0	Echinococcus	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	1	0	Echinococcus	0
	Goats - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1233	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	46263	870	Echinococcus granulosus sensu lato	2
							Echinococcus, unspecified sp.	868
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Echinococcus	0
	Marten - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Echinococcus	0
	Pigs - breeding animals - unspecified - piglets - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	4135832	1	Echinococcus, unspecified sp.	1
	Pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	6	6	Echinococcus granulosus sensu lato	3
							Echinococcus, unspecified sp.	3
	Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	103	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	8187	0	Echinococcus	0
	Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	slaughter animal batch	37	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	980198	136	Echinococcus granulosus sensu lato	7
							Echinococcus, unspecified sp.	129
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	4107	82	Echinococcus granulosus sensu lato	82
				slaughter animal batch	14	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	13518	0	Echinococcus	0
				slaughter animal batch	28	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	10	3	Echinococcus, unspecified sp.	3
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	167	95	Echinococcus granulosus sensu lato	28
							Echinococcus, unspecified sp.	67
				holding	36	25	Echinococcus, unspecified sp.	25
	Sheep - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	11753	12	Echinococcus, unspecified sp.	12
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1109165	54960	Echinococcus granulosus sensu lato	46
							Echinococcus, unspecified sp.	54,914
	Solipeds, domestic - donkeys - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	17	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	7083	1	Echinococcus, unspecified sp.	1
	Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	35905	30	Echinococcus, unspecified sp.	30
				slaughter animal batch	1	0	Echinococcus	0
	Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	2	1	Echinococcus, unspecified sp.	1
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	29	0	Echinococcus	0
	Wild boars - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	3013	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	37610	7	Echinococcus granulosus sensu lato	7
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	5	0	Echinococcus	0
	Wolves - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	12	0	Echinococcus	0
Piemonte	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	355766	15	Echinococcus granulosus sensu lato	15
	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	496	2	Echinococcus granulosus sensu lato	2
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	969	82	Echinococcus granulosus sensu lato	82
Liguria	Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	2847	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	377	0	Echinococcus	0
				slaughter animal batch	595	0	Echinococcus	0
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	8	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Liguria	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	slaughter animal batch	18	0	Echinococcus	0
	Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	slaughter animal batch	35	0	Echinococcus	0
	Goats - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	67	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	266	0	Echinococcus	0
	Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	103	0	Echinococcus	0
	Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	slaughter animal batch	37	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	462	0	Echinococcus	0
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	slaughter animal batch	14	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	slaughter animal batch	28	0	Echinococcus	0
	Sheep - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	288	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	195	0	Echinococcus	0
	Solipeds, domestic - donkeys - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1	0	Echinococcus	0
	Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	slaughter animal batch	1	0	Echinococcus	0
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	29	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1	0	Echinococcus	0
Lombardia	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	634804	1356	Echinococcus granulosus sensu lato	12
							Echinococcus, unspecified sp.	1,344
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	18907	3	Echinococcus granulosus sensu lato	2
							Echinococcus, unspecified sp.	1
	Pigs - breeding animals - unspecified - piglets - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	4135832	1	Echinococcus, unspecified sp.	1
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	45244	6	Echinococcus granulosus sensu lato	2
							Echinococcus, unspecified sp.	4
Abruzzo	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	4	2	Echinococcus, unspecified sp.	2
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	10	3	Echinococcus, unspecified sp.	3
	Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	2	1	Echinococcus, unspecified sp.	1
Campania	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	75365	167	Echinococcus, unspecified sp.	167
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	5897	97	Echinococcus, unspecified sp.	97
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	75841	258	Echinococcus, unspecified sp.	258
	Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	27856	25	Echinococcus, unspecified sp.	25
Puglia	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	1	0	Echinococcus	0
Basilicata	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Echinococcus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	6	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Basilicata	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3	0	Echinococcus	0
Sardegna	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	29614	759	Echinococcus, unspecified sp.	759
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	3	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	5992	770	Echinococcus, unspecified sp.	770
	Pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	6	6	Echinococcus granulosus sensu lato	3
							Echinococcus, unspecified sp.	3
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	98313	114	Echinococcus, unspecified sp.	114
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	167	95	Echinococcus granulosus sensu lato	28
							Echinococcus, unspecified sp.	67
				holding	36	25	Echinococcus, unspecified sp.	25
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	105201	54150	Echinococcus, unspecified sp.	54,150
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	142	0	Echinococcus	0
Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013)	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1690	0	Echinococcus	0
	Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	5793	0	Echinococcus	0
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	3138	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	13518	0	Echinococcus	0
Provincia Autonoma di Trento (NUTS 2010-2013)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	8504	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1732	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	78508	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1060	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	86	0	Echinococcus	0
Veneto (NUTS 2010-2013)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	819815	19	Echinococcus, unspecified sp.	19
Friuli-Venezia Giulia (NUTS 2010-2013)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	2958	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	629	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	22474	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1536	7	Echinococcus, unspecified sp.	7
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	221	0	Echinococcus	0
Emilia-Romagna (NUTS 2010-2013)	Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	310280	285	Echinococcus granulosus sensu lato	11
							Echinococcus, unspecified sp.	274
	Goats - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1166	0	Echinococcus	0
	Sheep - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	11465	12	Echinococcus, unspecified sp.	12
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	6273	1	Echinococcus, unspecified sp.	1
Toscana (NUTS 2010-2013)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	39277	3	Echinococcus granulosus sensu lato	3
	Deer - wild - fallow deer - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	326	0	Echinococcus	0
	Deer - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	8	0	Echinococcus	0
	Deer - wild - roe deer - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	415	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1617	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	241814	7	Echinococcus granulosus sensu lato	7

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
Toscana (NUTS 2010-2013)	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	25058	44	Echinococcus granulosus sensu lato	44
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	329	0	Echinococcus	0
	Wild boars - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	3013	0	Echinococcus	0
Umbria (NUTS 2010-2013)	Badgers - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	21661	38	Echinococcus granulosus sensu lato	38
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	PCR	animal	1	0	Echinococcus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3	0	Echinococcus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	14	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	960	0	Echinococcus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Echinococcus	0
	Marten - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	418814	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	65483	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	23723	7	Echinococcus granulosus sensu lato	7
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Echinococcus	0
	Wolves - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	12	0	Echinococcus	0
Marche (NUTS 2010-2013)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	16159	28	Echinococcus, unspecified sp.	28
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	445	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	8187	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	51657	1	Echinococcus, unspecified sp.	1
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	28497	10	Echinococcus, unspecified sp.	10
	Solipeds, domestic - donkeys - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	16	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	31	0	Echinococcus	0
	Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	55	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	13886	0	Echinococcus	0
Lazio (NUTS 2010-2013)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	37501	301	Echinococcus, unspecified sp.	301
	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	9818	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	68156	14	Echinococcus, unspecified sp.	14
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	761050	485	Echinococcus, unspecified sp.	485
	Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	7994	5	Echinococcus, unspecified sp.	5

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Bison - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	11	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	7	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding		Not Available	N_A	OIE method for E.coli O157 in animal faecal samples	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	62	2	VTEC other than O157 O26 O103 O111 O145	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
									VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
		herd/flock		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	9	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		Not Available	N_A	OIE method for E.coli O157 in animal faecal samples	10	1	VTEC O157	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
		holding		Not Available	N_A	OIE method for E.coli O157 in animal faecal samples	10	1	VTEC O157	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	65	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
		holding		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	1	VTEC O157	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	animal		Not Available	N_A	Other methods based on PCR detection of vtx genes	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Cattle (bovine animals) - Farm - Italy - environmental sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	OIE method for E.coli O157 in animal faecal samples	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Chinchillas - pet animal - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Deer - wild - roe deer - Conservation facilities - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	1	VTEC O103	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	173	10	VTEC O1	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	6
									VTEC O2	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	3
									VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	16	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	35	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	18	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Ferrets - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	holding		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding		Not Available	N_A	OIE method for E.coli O157 in animal faecal samples	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Goats - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Guinea pigs - pet animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Pigeons - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	2	VTEC O1	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
									VTEC O2	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	4	VTEC O45	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
									VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	3
	Pigs - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding		Not Available	N_A	OIE method for E.coli O157 in animal faecal samples	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Solipeds, domestic - donkeys - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	animal		Not Available	N_A	Other methods based on PCR detection of vtx genes	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	56	6	VTEC O2	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	2
									VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	4
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Beverages, non-alcoholic - soft drinks - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Beverages, non-alcoholic - soft drinks - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	11	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Beverages, non-alcoholic - soft drinks - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Beverages, non-alcoholic - soft drinks - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cereals and meals - flour/meal or finely ground powder - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	114	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - curd - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - curd - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	13	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	9	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	19	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	88	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	19	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	13	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - hard - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	16	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	69	2	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	2
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	177	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	68	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	15	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	329	6	VTEC other than O157 O26 O103 O111 O145	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	3
									VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	3
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	12	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	16	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	62	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	134	2	VTEC other than O157 O26 O103 O111 O145	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
									VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	9	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	56	2	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	2
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Coconut - coconut products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	9	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	13	2	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	2
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	29	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	31	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	14	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Fruits - whole - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - whole - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - whole - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	21	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - whole - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - whole - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - whole - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Infant formula - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - fruit juice - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - fruit juice - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	17	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - Unspecified - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	16	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	85	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	115	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	37	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	30	1	VTEC O103	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	14	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	12	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	56	6	VTEC other than O157 O26 O103 O111 O145	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	5
									VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	20	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	18	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	93	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	3	VTEC other than O157 O26 O103 O111 O145	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	3
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	15	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - minced meat - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	57	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	2	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	2
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	16	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	11	4	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	4
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - pasteurised milk - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	13	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	438	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	21	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	68	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	27	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	74	4	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	4
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	15	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	22	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	1	VTEC O157	Not Available	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Molluscan shellfish - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Molluscan shellfish - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Other processed food products and prepared dishes - rice based dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	17	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	9	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - shoot - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - shoot - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - shoot - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	24	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Spices and herbs - dried - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Spices and herbs - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Spices and herbs - dried - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - bean - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - bean - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	9	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - bean - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	11	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - bean - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - bulb/ clove - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
ITALIA	Vegetables - bulb/ clove - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - bulb/ clove - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - leaves - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - leaves - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	9	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	59	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - leaves - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

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
ITALIA	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1117	8		West Nile virus	8
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	4366	51		West Nile virus	51
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	200	1		West Nile virus	1
	Eagle - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	8	1		West Nile virus	1
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	48	0		Flavivirus	0
	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	Unknown	N_A	Seroneutralisation test	551	3		West Nile virus	3
	Gallus gallus (fowl) - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	5	0		Flavivirus	0
	Goshawk - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	4	3		West Nile virus	3
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	271	2		West Nile virus	2
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2962	26		West Nile virus	26
	Night herons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	47	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	135	2		West Nile virus	2
	Parrots - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	11	0		Flavivirus	0
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	72	0		Flavivirus	0
	Pheasants - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	5	1		West Nile virus	1
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	183	0		Flavivirus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	183	5		West Nile virus	5
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	46	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	2	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	817	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	88	8		West Nile virus	8
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	58	0		Flavivirus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	154	0		Flavivirus	0
	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	27	0		Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	23	0		Flavivirus	0
Piemonte	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	155	5		West Nile virus	5

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
Piemonte	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	916	32	West Nile virus	32
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	5	0	Flavivirus	0
	Eagle - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0	Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	7	0	Flavivirus	0
	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	Unknown	N_A	IgG ELISA	4	0	Flavivirus	0
	Goshawk - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	2	West Nile virus	2
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	48	1	West Nile virus	1
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	165	0	Flavivirus	0
	Night herons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	8	0	Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	28	0	Flavivirus	0
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	35	0	Flavivirus	0
	Pheasants - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	1	West Nile virus	1
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	10	0	Flavivirus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0	Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	17	2	West Nile virus	2
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0	Flavivirus	0
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0	Flavivirus	0
	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0	Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	6	0	Flavivirus	0
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0	Flavivirus	0
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0	Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0	Flavivirus	0
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	6	0	Flavivirus	0
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0	Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0	Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	16	0	Flavivirus	0
Liguria	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	18	0	Flavivirus	0
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	17	0	Flavivirus	0
	Night herons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0	Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0	Flavivirus	0

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
Liguria	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	19	0		Flavivirus	0
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	6	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	23	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	2	0		Flavivirus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	2	0		Flavivirus	0
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
Lombardia	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	22	0		Flavivirus	0
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1468	2		West Nile virus	2
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	3	0		Flavivirus	0
	Goshawk - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	60	0		Flavivirus	0
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	382	6		West Nile virus	6
	Night herons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	9	1		West Nile virus	1
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	9	2		West Nile virus	2
	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
Abruzzo	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	6	0		Flavivirus	0
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	98	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	4	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	53	0		Flavivirus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	7	0		Flavivirus	0
Molise	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0

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
Molise	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	2	0		Flavivirus	0
Campania	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	18	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	421	0		Flavivirus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	48	0		Flavivirus	0
Puglia	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	27	0		Flavivirus	0
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	9	0		Flavivirus	0
	Eagle - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	Unknown	N_A	IgG ELISA	17	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	7	0		Flavivirus	0
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
Basilicata	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	11	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
Calabria	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	5	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	120	0		Flavivirus	0
Sicilia	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	Unknown	N_A	IgG ELISA	103	0		Flavivirus	0
Sardegna	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	58	1		West Nile virus	1
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1016	8		West Nile virus	8
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	17	0		Flavivirus	0
	Eagle - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	4	1		West Nile virus	1
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	13	0		Flavivirus	0

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
Sardegna	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	Unknown	N_A	IgG ELISA	5	0		Flavivirus	0
	Gallus gallus (fowl) - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	5	0		Flavivirus	0
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	15	0		Flavivirus	0
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Night herons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Parrots - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	7	0		Flavivirus	0
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	64	2		West Nile virus	2
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	3	0		Flavivirus	0
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	23	0		Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013)	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
Provincia Autonoma di Trento (NUTS 2010-2013)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	9	0		Flavivirus	0
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	3	0		Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
Veneto (NUTS 2010-2013)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	423	1		West Nile virus	1
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	137	1		West Nile virus	1
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	58	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	5	0		Flavivirus	0
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	22	0		Flavivirus	0
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	274	5		West Nile virus	5
	Night herons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	18	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	39	0		Flavivirus	0
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Pheasants - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	3	0		Flavivirus	0

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
Veneto (NUTS 2010-2013)	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	30	0		Flavivirus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	35	1		West Nile virus	1
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	3	3		West Nile virus	3
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	9	0		Flavivirus	0
	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	10	0		Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	5	0		Flavivirus	0
Friuli-Venezia Giulia (NUTS 2010-2013)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	8	0		Flavivirus	0
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Eagle - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	3	0		Flavivirus	0
	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	6	0		Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
Emilia-Romagna (NUTS 2010-2013)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	317	1		West Nile virus	1
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	505	8		West Nile virus	8
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	103	1		West Nile virus	1
	Eagle - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	9	0		Flavivirus	0
	Goshawk - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	1		West Nile virus	1
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	116	1		West Nile virus	1
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1498	15		West Nile virus	15
	Night herons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	16	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	44	1		West Nile virus	1
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	7	0		Flavivirus	0
	Pheasants - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	135	0		Flavivirus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	77	2		West Nile virus	2
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	6	1		West Nile virus	1
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	114	0		Flavivirus	0

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
Emilia-Romagna (NUTS 2010-2013)	Swans - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Wild ducks - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	7	0		Flavivirus	0
Toscana (NUTS 2010-2013)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	6	0		Flavivirus	0
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	201	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Jays - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	515	0		Flavivirus	0
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	9	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	140	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	13	0		Flavivirus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	3	0		Flavivirus	0
Umbria (NUTS 2010-2013)	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	Unknown	N_A	IgG ELISA	123	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	25	0		Flavivirus	0
Marche (NUTS 2010-2013)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	68	0		Flavivirus	0
	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Doves - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	4	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	Unknown	N_A	Seroneutralisation test	299	3		West Nile virus	3
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Owls - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	8	0		Flavivirus	0
	Pigeons - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	4	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	1	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	5	0		Flavivirus	0
	Starlings - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	3	0		Flavivirus	0
Lazio (NUTS 2010-2013)	Birds - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	2	0		Flavivirus	0

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
Lazio (NUTS 2010-2013)	Crows - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	113	0		Flavivirus	0
	Falcons - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	1	0		Flavivirus	0
	Magpies - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	7	0		Flavivirus	0
	Parrots - wild - Natural habitat - Italy - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	PCR	4	0		Flavivirus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	2	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	30	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	3	0		Flavivirus	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
ITALIA	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	9	8	<= 100	Histamine	9	1
								> 400	Histamine	9	7
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	16	0	<= 100	Histamine	16	0
								> 400	Histamine	16	0
								>100 TO <= 200	Histamine	16	0
								>200 TO <= 400	Histamine	16	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	4	0	<= 100	Histamine	4	0
								> 400	Histamine	4	0
								>100 TO <= 200	Histamine	4	0
								>200 TO <= 400	Histamine	4	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fish - smoked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	10	0	<= 100	Histamine	10	0
								> 400	Histamine	10	0
								>100 TO <= 200	Histamine	10	0
								>200 TO <= 400	Histamine	10	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	136	22	<= 100	Histamine	136	1
								> 400	Histamine	136	18
								>100 TO <= 200	Histamine	136	0
								>200 TO <= 400	Histamine	136	3
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	11	4	<= 100	Histamine	11	0
								> 400	Histamine	11	3
								>100 TO <= 200	Histamine	11	1
								>200 TO <= 400	Histamine	11	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
ITALIA	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	466	26	<= 100	Histamine	466	10
								> 400	Histamine	466	9
								>100 TO <= 200	Histamine	466	2
								>200 TO <= 400	Histamine	466	5
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	28	1	<= 100	Histamine	28	1
								> 400	Histamine	28	0
								>100 TO <= 200	Histamine	28	0
								>200 TO <= 400	Histamine	28	0
	Fish - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	247	22	<= 100	Histamine	247	1
								> 400	Histamine	247	21
								>100 TO <= 200	Histamine	247	0
								>200 TO <= 400	Histamine	247	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	32	7	<= 100	Histamine	32	2
								> 400	Histamine	32	1
								>100 TO <= 200	Histamine	32	2
								>200 TO <= 400	Histamine	32	2
	Fish - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	4	0	<= 100	Histamine	4	0
								> 400	Histamine	4	0
								>100 TO <= 200	Histamine	4	0
								>200 TO <= 400	Histamine	4	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	60	0	<= 100	Histamine	60	0
								> 400	Histamine	60	0
								>100 TO <= 200	Histamine	60	0
								>200 TO <= 400	Histamine	60	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	4	1	<= 100	Histamine	4	1
								> 400	Histamine	4	0
								>100 TO <= 200	Histamine	4	0
								>200 TO <= 400	Histamine	4	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	7	0	<= 100	Histamine	7	0
								> 400	Histamine	7	0
								>100 TO <= 200	Histamine	7	0
								>200 TO <= 400	Histamine	7	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
ITALIA	Fishery products, unspecified - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	15	1	<= 100	Histamine	15	0
								> 400	Histamine	15	1
								>100 TO <= 200	Histamine	15	0
								>200 TO <= 400	Histamine	15	0
	Fishery products, unspecified - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	6	1	<= 100	Histamine	6	0
								> 400	Histamine	6	1
								>100 TO <= 200	Histamine	6	0
								>200 TO <= 400	Histamine	6	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	713	12	<= 100	Histamine	713	4
								> 400	Histamine	713	2
								>100 TO <= 200	Histamine	713	5
								>200 TO <= 400	Histamine	713	1
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	8	0	<= 100	Histamine	8	0
								> 400	Histamine	8	0
								>100 TO <= 200	Histamine	8	0
								>200 TO <= 400	Histamine	8	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	2	1	<= 100	Histamine	2	0
								> 400	Histamine	2	0
								>100 TO <= 200	Histamine	2	1
								>200 TO <= 400	Histamine	2	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	227	4	<= 100	Histamine	227	0
								> 400	Histamine	227	4
								>100 TO <= 200	Histamine	227	0
								>200 TO <= 400	Histamine	227	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	21	4	<= 100	Histamine	21	0
								> 400	Histamine	21	3
								>100 TO <= 200	Histamine	21	0
								>200 TO <= 400	Histamine	21	1
	Fishery products, unspecified - cooked - Unspecified - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	2	0	<= 100	Histamine	2	0
								> 400	Histamine	2	0
								>100 TO <= 200	Histamine	2	0
								>200 TO <= 400	Histamine	2	0
	Fishery products, unspecified - cooked - Unspecified - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fishery products, unspecified - cooked - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	39	0	<= 100	Histamine	39	0
								> 400	Histamine	39	0
								>100 TO <= 200	Histamine	39	0
								>200 TO <= 400	Histamine	39	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
ITALIA	Fishery products, unspecified - cooked - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fishery products, unspecified - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	3	0	<= 100	Histamine	3	0
								> 400	Histamine	3	0
								>100 TO <= 200	Histamine	3	0
								>200 TO <= 400	Histamine	3	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	131	0	<= 100	Histamine	131	0
								> 400	Histamine	131	0
								>100 TO <= 200	Histamine	131	0
								>200 TO <= 400	Histamine	131	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	3	0	<= 100	Histamine	3	0
								> 400	Histamine	3	0
								>100 TO <= 200	Histamine	3	0
								>200 TO <= 400	Histamine	3	0
	Fishery products, unspecified - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	3	0	<= 100	Histamine	3	0
								> 400	Histamine	3	0
								>100 TO <= 200	Histamine	3	0
								>200 TO <= 400	Histamine	3	0
	Fishery products, unspecified - raw - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	15	0	<= 100	Histamine	15	0
								> 400	Histamine	15	0
								>100 TO <= 200	Histamine	15	0
								>200 TO <= 400	Histamine	15	0
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	3	0	<= 100	Histamine	3	0
								> 400	Histamine	3	0
								>100 TO <= 200	Histamine	3	0
								>200 TO <= 400	Histamine	3	0
	Fishery products, unspecified - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	25	0	<= 100	Histamine	25	0
								> 400	Histamine	25	0
								>100 TO <= 200	Histamine	25	0
								>200 TO <= 400	Histamine	25	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fishery products, unspecified - raw - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	28	0	<= 100	Histamine	28	0
								> 400	Histamine	28	0
								>100 TO <= 200	Histamine	28	0
								>200 TO <= 400	Histamine	28	0
	Fishery products, unspecified - raw - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	7	0	<= 100	Histamine	7	0
								> 400	Histamine	7	0
								>100 TO <= 200	Histamine	7	0
								>200 TO <= 400	Histamine	7	0
	Fishery products, unspecified - raw - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	3	0	<= 100	Histamine	3	0
								> 400	Histamine	3	0
								>100 TO <= 200	Histamine	3	0
								>200 TO <= 400	Histamine	3	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	9	0	<= 100	Histamine	9	0
								> 400	Histamine	9	0
								>100 TO <= 200	Histamine	9	0
								>200 TO <= 400	Histamine	9	0
	Fishery products, unspecified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	65	0	<= 100	Histamine	65	0
								> 400	Histamine	65	0
								>100 TO <= 200	Histamine	65	0
								>200 TO <= 400	Histamine	65	0
	Fishery products, unspecified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	2	0	<= 100	Histamine	2	0
								> 400	Histamine	2	0
								>100 TO <= 200	Histamine	2	0
								>200 TO <= 400	Histamine	2	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	106	5	<= 100	Histamine	106	1
								> 400	Histamine	106	4
								>100 TO <= 200	Histamine	106	0
								>200 TO <= 400	Histamine	106	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	2	0	<= 100	Histamine	2	0
								> 400	Histamine	2	0
								>100 TO <= 200	Histamine	2	0
								>200 TO <= 400	Histamine	2	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	16	0	<= 100	Histamine	16	0
								> 400	Histamine	16	0
								>100 TO <= 200	Histamine	16	0
								>200 TO <= 400	Histamine	16	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
ITALIA	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	9	0	<= 100	Histamine	9	0
								> 400	Histamine	9	0
								>100 TO <= 200	Histamine	9	0
								>200 TO <= 400	Histamine	9	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	2	0	<= 100	Histamine	2	0
								> 400	Histamine	2	0
								>100 TO <= 200	Histamine	2	0
								>200 TO <= 400	Histamine	2	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	9	0	<= 100	Histamine	9	0
								> 400	Histamine	9	0
								>100 TO <= 200	Histamine	9	0
								>200 TO <= 400	Histamine	9	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	N_A	2	0	<= 100	Histamine	2	0
								> 400	Histamine	2	0
								>100 TO <= 200	Histamine	2	0
								>200 TO <= 400	Histamine	2	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	1	0	<= 100	Histamine	1	0
								> 400	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200 TO <= 400	Histamine	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	1	1	> 400	Histamine	1	1
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Unspecified - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	1	1	> 400	Histamine	1	1
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	7	0	<= 100	Histamine	7	0
								> 400	Histamine	7	0
								>100 TO <= 200	Histamine	7	0
								>200 TO <= 400	Histamine	7	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	2	0	Listeria	0
	Alpacas - farmed - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Antelopes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	3	0	Listeria	0
	Bears - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	3	0	Listeria	0
	Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	3	1	Listeria spp., unspecified	1
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	8	0	Listeria	0
	Bison - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	2	0	Listeria	0
	Cantabrian chamois - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	9	0	Listeria	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	4	0	Listeria	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	4	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	9	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Detection method presence in x g	animal	16	1	Listeria monocytogenes	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	27	0	Listeria	0
				holding	8	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Detection method presence in x g	animal	115	1	Listeria monocytogenes	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
				herd/flock	11	1	Listeria spp., unspecified	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	9	0	Listeria	0
				herd/flock	1	0	Listeria	0
	Cattle (bovine animals) - meat production animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	2	0	Listeria	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	8	0	Listeria	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Deer - wild - roe deer - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	8	0	Listeria	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	4	0	Listeria	0
	Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	23	0	Listeria	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	8	0	Listeria	0
	Dromedaries - zoo animals - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Detection method presence in x g	animal	41	2	Listeria monocytogenes	2
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	7	0	Listeria	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	28	0	Listeria	0
				holding	2	0	Listeria	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Detection method presence in x g	animal	69	2	Listeria innocua	1
							Listeria monocytogenes	1
	Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	2	0	Listeria	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	4	0	Listeria	0
	Hamsters - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Hares - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Llamas - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	2	0	Listeria	0
	Llamas - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Marine mammals - wild - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	9	0	Listeria	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Mouflons - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	3	0	Listeria	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	2	0	Listeria	0
				herd/flock	1	0	Listeria	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	1	0	Listeria	0
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	24	0	Listeria	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
				herd/flock	15	3	Listeria spp., unspecified	3
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	herd/flock	1	0	Listeria	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	49	5	Listeria spp., unspecified	5
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Detection method presence in x g	animal	52	3	Listeria monocytogenes	3
				holding	4	2	Listeria grayi	2
							Listeria monocytogenes	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	3	0	Listeria	0
				herd/flock	3	0	Listeria	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	3	0	Listeria	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	3	0	Listeria	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	2	0	Listeria	0
				herd/flock	28	0	Listeria	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	0	Listeria	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	4	0	Listeria	0
				herd/flock	9	0	Listeria	0
	Steinbock - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	4	0	Listeria	0
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	5	0	Listeria	0
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	herd/flock	11	0	Listeria	0
				holding	1	0	Listeria	0
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	3	0	Listeria	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Microbiological tests	animal	1	0	Listeria	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Microbiological tests	animal	6	0	Listeria	0

Table Listeria: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
ITALIA	Bakery products - bread - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - bread - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Bakery products - cakes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Bakery products - pastry - biscuits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - pastry - biscuits - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	60	0	<= 100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	60	0	detection	Listeria monocytogenes	54	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	32	0	detection	Listeria monocytogenes	32	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	278	0	<= 100	Listeria monocytogenes	152	0
								>100	Listeria monocytogenes	152	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	278	0	detection	Listeria monocytogenes	197	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	68	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	68	0	detection	Listeria monocytogenes	67	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	0	<= 100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	0	detection	Listeria monocytogenes	26	0
	Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	58	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	58	0	detection	Listeria monocytogenes	57	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
ITALIA	Bakery products - pastry - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Bakery products - pastry - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	2	0
	Beverages, non-alcoholic - soft drinks - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Beverages, non-alcoholic - soft drinks - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	1	0
	Beverages, non-alcoholic - soft drinks - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Beverages, non-alcoholic - soft drinks - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Beverages, non-alcoholic - soft drinks - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Beverages, non-alcoholic - soft drinks - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	5	0
	Cereals and meals - flakes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cereals and meals - flour/meal or finely ground powder - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	121	0	<= 100	Listeria monocytogenes	48	0
								>100	Listeria monocytogenes	48	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	121	0	detection	Listeria monocytogenes	95	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	73	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	73	0	detection	Listeria monocytogenes	69	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	33	1	<= 100	Listeria monocytogenes	31	0
								>100	Listeria monocytogenes	31	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	33	1	detection	Listeria monocytogenes	32	1
	Cheeses made from cows' milk - soft and semi-soft - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	131	0	<= 100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	131	0	detection	Listeria monocytogenes	128	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	5944	0	<= 100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	5944	0	detection	Listeria monocytogenes	5,919	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	78	0	<= 100	Listeria monocytogenes	72	0
								>100	Listeria monocytogenes	72	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	78	0	detection	Listeria monocytogenes	74	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Cheeses made from cows' milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	110	0	<= 100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	110	0	detection	Listeria monocytogenes	110	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1734	3	<= 100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1734	3	detection	Listeria monocytogenes	1,718	3
	Cheeses made from cows' milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	36	0	<= 100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
	Cheeses made from cows' milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	36	0	detection	Listeria monocytogenes	30	0
	Cheeses made from cows' milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from goats' milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	77	0	<= 100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
	Cheeses made from sheep's milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	77	0	detection	Listeria monocytogenes	74	0
	Cheeses made from sheep's milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	47	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	47	0	detection	Listeria monocytogenes	47	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - hard - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	107	1	<= 100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	107	1	detection	Listeria monocytogenes	104	1
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	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
ITALIA	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	22	0	detection	Listeria monocytogenes	22	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	54	1	<= 100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	1
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	54	1	detection	Listeria monocytogenes	53	1
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	37	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	37	0	detection	Listeria monocytogenes	36	0
	Cheeses, made from unspecified milk or other animal milk - hard - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Cheeses, made from unspecified milk or other animal milk - hard - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	12	0	detection	Listeria monocytogenes	12	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	detection	Listeria monocytogenes	21	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	224	3	<= 100	Listeria monocytogenes	59	0
								>100	Listeria monocytogenes	59	1
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	224	3	detection	Listeria monocytogenes	220	3
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	23	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	23	0	detection	Listeria monocytogenes	22	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	110	0	<= 100	Listeria monocytogenes	54	0
								>100	Listeria monocytogenes	54	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
ITALIA	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	110	0	detection	Listeria monocytogenes	97	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	11	1	detection	Listeria monocytogenes	11	1
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	110	0	<= 100	Listeria monocytogenes	85	0
								>100	Listeria monocytogenes	85	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	110	0	detection	Listeria monocytogenes	110	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1454	5	<= 100	Listeria monocytogenes	421	1
								>100	Listeria monocytogenes	421	1
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1454	5	detection	Listeria monocytogenes	1,295	5
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	13	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	12	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	136	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	136	0	detection	Listeria monocytogenes	133	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	413	3	<= 100	Listeria monocytogenes	202	0
								>100	Listeria monocytogenes	202	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	413	3	detection	Listeria monocytogenes	363	2
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	13	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	11	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	138	0	<= 100	Listeria monocytogenes	36	0
								>100	Listeria monocytogenes	36	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	138	0	detection	Listeria monocytogenes	107	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Chocolate - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Chocolate - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Confectionery products and pastes - chocolate-based product - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Crustaceans - unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	13	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	10	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Crustaceans - unspecified - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	2	0
	Crustaceans - unspecified - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	4	0
	Crustaceans - unspecified - raw - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Crustaceans - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	12	2	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Crustaceans - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	12	2	detection	Listeria monocytogenes	9	2
	Crustaceans - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	109	2	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	109	2	detection	Listeria monocytogenes	108	2
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	61	1	<= 100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	61	1	detection	Listeria monocytogenes	53	1
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - butter - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	30	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	18	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	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
ITALIA	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	18	0	detection	Listeria monocytogenes	13	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	652	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	652	0	detection	Listeria monocytogenes	648	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	0	<= 100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - dairy desserts - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	15	0	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	203	0	<= 100	Listeria monocytogenes	83	0
								>100	Listeria monocytogenes	83	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	203	0	detection	Listeria monocytogenes	188	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
ITALIA	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	94	2	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	94	2	detection	Listeria monocytogenes	88	2
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	78	0	<= 100	Listeria monocytogenes	22	0
								>100	Listeria monocytogenes	22	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	78	0	detection	Listeria monocytogenes	70	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	34	0	<= 100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	34	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	36	1	<= 100	Listeria monocytogenes	19	0
								>100	Listeria monocytogenes	19	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	36	1	detection	Listeria monocytogenes	31	1
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	247	0	<= 100	Listeria monocytogenes	82	0
								>100	Listeria monocytogenes	82	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
ITALIA	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	247	0	detection	Listeria monocytogenes	216	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	13	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	11	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	81	0	<= 100	Listeria monocytogenes	24	0
								>100	Listeria monocytogenes	24	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	81	0	detection	Listeria monocytogenes	73	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	33	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	33	0	detection	Listeria monocytogenes	31	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	8	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	12	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	12	0	detection	Listeria monocytogenes	9	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - yoghurt - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	20	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products (excluding cheeses) - yoghurt - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	52	0	<= 100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	52	0	detection	Listeria monocytogenes	50	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	88	0	<= 100	Listeria monocytogenes	54	0
								>100	Listeria monocytogenes	54	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	88	0	detection	Listeria monocytogenes	70	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Egg products - liquid - whole - pasteurised - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Egg products - liquid - whole - pasteurised - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Egg products - liquid - whole - pasteurised - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Egg products - liquid - whole - pasteurised - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Egg products - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Egg products - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	6	0
	Egg products - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	91	0	<= 100	Listeria monocytogenes	42	0
								>100	Listeria monocytogenes	42	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	91	0	detection	Listeria monocytogenes	59	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Egg products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	25	0	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Egg products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	15	0
	Egg products - non-ready-to-eat - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Egg products - non-ready-to-eat - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Eggs - table eggs - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Eggs - table eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	16	0
	Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	15	0
	Eggs - table eggs - white - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Eggs - table eggs - white - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Eggs - table eggs - white - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	28	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	28	0	detection	Listeria monocytogenes	23	0
	Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Fats and oils (excluding butter) - oils - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	2	0
	Fish - cooked - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Fish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	1	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Fish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	1	detection	Listeria monocytogenes	5	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	14	1	<= 100	Listeria monocytogenes	13	1
								>100	Listeria monocytogenes	13	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	14	1	detection	Listeria monocytogenes	6	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	1	0
	Fish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	3	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	7	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - smoked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	29	1	<= 100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Fish - smoked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	29	1	detection	Listeria monocytogenes	29	1
	Fish - smoked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fish - smoked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	60	2	<= 100	Listeria monocytogenes	46	0
								>100	Listeria monocytogenes	46	0
	Fish - smoked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	60	2	detection	Listeria monocytogenes	39	2
	Fish - smoked - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - smoked - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	43	0	<= 100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	43	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
ITALIA	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Fish - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	11	2	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	1
	Fish - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	11	2	detection	Listeria monocytogenes	9	1
	Fish - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	2	detection	Listeria monocytogenes	4	2
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	211	0	<= 100	Listeria monocytogenes	156	0
								>100	Listeria monocytogenes	156	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	211	0	detection	Listeria monocytogenes	155	0
	Fish - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	168	4	<= 100	Listeria monocytogenes	111	0
								>100	Listeria monocytogenes	111	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	168	4	detection	Listeria monocytogenes	115	4
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fish - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Fish - unspecified - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - unspecified - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	24	0	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	24	0	detection	Listeria monocytogenes	11	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fishery products, unspecified - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - cooked - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - cooked - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	2	detection	Listeria monocytogenes	8	2
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	83	7	<= 100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	83	7	detection	Listeria monocytogenes	72	7

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
ITALIA	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	118	5	<= 100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	118	5	detection	Listeria monocytogenes	112	5
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Fishery products, unspecified - cooked - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	13	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Fishery products, unspecified - cooked - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	7	0
	Fishery products, unspecified - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	8	0
	Fishery products, unspecified - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	33	0	detection	Listeria monocytogenes	33	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	44	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	44	0	detection	Listeria monocytogenes	41	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	409	0	detection	Listeria monocytogenes	409	0
	Fishery products, unspecified - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	88	0	<= 100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
	Fishery products, unspecified - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	88	0	detection	Listeria monocytogenes	74	0
	Fishery products, unspecified - non-ready-to-eat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	30	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fishery products, unspecified - non-ready-to-eat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	29	0
	Fishery products, unspecified - non-ready-to-eat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fishery products, unspecified - non-ready-to-eat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	9	0
	Fishery products, unspecified - non-ready-to-eat - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Fishery products, unspecified - raw - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	12	0	detection	Listeria monocytogenes	12	0
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	49	0	detection	Listeria monocytogenes	49	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
ITALIA	Fishery products, unspecified - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Fishery products, unspecified - raw - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - raw - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	4	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	79	0	<= 100	Listeria monocytogenes	32	0
								>100	Listeria monocytogenes	32	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	79	0	detection	Listeria monocytogenes	55	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	6	1	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	6	1	detection	Listeria monocytogenes	6	1
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	2	0
	Fishery products, unspecified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	111	6	<= 100	Listeria monocytogenes	100	0
								>100	Listeria monocytogenes	100	1
	Fishery products, unspecified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	111	6	detection	Listeria monocytogenes	89	6
	Fishery products, unspecified - ready-to-eat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Fishery products, unspecified - ready-to-eat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	detection	Listeria monocytogenes	12	0
	Fishery products, unspecified - ready-to-eat - Wholesale - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	16	0	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Fishery products, unspecified - ready-to-eat - Wholesale - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	7	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	38	0	detection	Listeria monocytogenes	38	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	66	0	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	66	0	detection	Listeria monocytogenes	66	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	23	0	detection	Listeria monocytogenes	23	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	151	0	<= 100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	151	0	detection	Listeria monocytogenes	150	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	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 - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Fruits - products - fruit purée - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fruits - products - fruit purée - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fruits - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Fruits - products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Fruits - whole - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fruits - whole - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	92	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Fruits - whole - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	92	0	detection	Listeria monocytogenes	85	0
	Fruits - whole - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits - whole - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	154	2	<= 100	Listeria monocytogenes	102	0
								>100	Listeria monocytogenes	102	0
	Fruits - whole - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	154	2	detection	Listeria monocytogenes	105	2
	Fruits - whole - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	51	0	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Fruits - whole - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	51	0	detection	Listeria monocytogenes	36	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	8	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	8	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	detection	Listeria monocytogenes	10	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fruits and vegetables - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Honey - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Honey - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Honey - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - non-ready-to-eat - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	4	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Infant formula - ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Infant formula - ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Infant formula - ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - ready-to-eat - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Infant formula - ready-to-eat - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Juice - fruit juice - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Juice - fruit juice - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Juice - fruit juice - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	46	0	<= 100	Listeria monocytogenes	33	0
								>100	Listeria monocytogenes	33	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	46	0	detection	Listeria monocytogenes	41	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	13	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	116	2	<= 100	Listeria monocytogenes	90	0
								>100	Listeria monocytogenes	90	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	116	2	detection	Listeria monocytogenes	39	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	108	0	detection	Listeria monocytogenes	108	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	36	0	<= 100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	36	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - fresh - Slaughterhouse - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from bovine animals - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	29	0	<= 100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	29	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	52	0	detection	Listeria monocytogenes	52	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	24	1	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	24	1	detection	Listeria monocytogenes	8	1
	Meat from bovine animals - meat products - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from bovine animals - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	35	1	<= 100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	35	1	detection	Listeria monocytogenes	28	1
	Meat from bovine animals - meat products - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	43	5	<= 100	Listeria monocytogenes	43	0
								>100	Listeria monocytogenes	43	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	43	5	detection	Listeria monocytogenes	36	5
	Meat from bovine animals - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	119	5	<= 100	Listeria monocytogenes	110	0
								>100	Listeria monocytogenes	110	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	119	5	detection	Listeria monocytogenes	16	5
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	1	detection	Listeria monocytogenes	1	1
	Meat from bovine animals - minced meat - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	1	<= 100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	1	detection	Listeria monocytogenes	23	1
	Meat from bovine animals - minced meat - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	25	1	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	25	1	detection	Listeria monocytogenes	25	1
	Meat from broilers (Gallus gallus) - fresh - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	9	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	6	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from goat - meat products - ready-to-eat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from horse - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	0	<= 100	Listeria monocytogenes	27	0
								>100	Listeria monocytogenes	27	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
ITALIA	Meat from horse - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	0	detection	Listeria monocytogenes	16	0
	Meat from horse - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	24	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from horse - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	24	0	detection	Listeria monocytogenes	15	0
	Meat from horse - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Meat from horse - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from horse - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from horse - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	62	0	<= 100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Meat from horse - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	62	0	detection	Listeria monocytogenes	36	0
	Meat from horse - minced meat - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	25	1	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from horse - minced meat - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	25	1	detection	Listeria monocytogenes	20	1
	Meat from horse - minced meat - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from horse - offal - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	13	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	111	2	<= 100	Listeria monocytogenes	101	0
								>100	Listeria monocytogenes	101	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	111	2	detection	Listeria monocytogenes	14	2
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	29	0	<= 100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	29	0	detection	Listeria monocytogenes	16	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	150	1	detection	Listeria monocytogenes	150	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	49	0	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	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
ITALIA	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	49	0	detection	Listeria monocytogenes	40	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	172	4	<= 100	Listeria monocytogenes	101	1
								>100	Listeria monocytogenes	101	1
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	172	4	detection	Listeria monocytogenes	76	3
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	6	1	<= 100	Listeria monocytogenes	6	1
								>100	Listeria monocytogenes	6	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	6	1	detection	Listeria monocytogenes	3	1
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	19	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	19	0	detection	Listeria monocytogenes	18	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	12	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	8	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	173	2	<= 100	Listeria monocytogenes	140	0
								>100	Listeria monocytogenes	140	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	173	2	detection	Listeria monocytogenes	55	2
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	7	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	45	0	<= 100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	45	0	detection	Listeria monocytogenes	29	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	247	8	<= 100	Listeria monocytogenes	169	2
								>100	Listeria monocytogenes	169	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	247	8	detection	Listeria monocytogenes	114	7
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	32	4	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	32	4	detection	Listeria monocytogenes	26	4
	Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	<= 100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	21	0	detection	Listeria monocytogenes	6	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	2	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	2	detection	Listeria monocytogenes	16	2
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	2	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	2	1	detection	Listeria monocytogenes	2	1
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	219	0	<= 100	Listeria monocytogenes	105	0
								>100	Listeria monocytogenes	105	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	219	0	detection	Listeria monocytogenes	219	0
	Meat from other animal species or not specified - meat products - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	22	0	<= 100	Listeria monocytogenes	22	0
								>100	Listeria monocytogenes	22	0
	Meat from other animal species or not specified - meat products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	509	31	<= 100	Listeria monocytogenes	220	1
								>100	Listeria monocytogenes	220	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	509	31	detection	Listeria monocytogenes	419	31
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	42	2	<= 100	Listeria monocytogenes	16	1
								>100	Listeria monocytogenes	16	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
ITALIA	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	42	2	detection	Listeria monocytogenes	38	2
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	197	0	<= 100	Listeria monocytogenes	38	0
								>100	Listeria monocytogenes	38	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	197	0	detection	Listeria monocytogenes	159	0
	Meat from other animal species or not specified - meat products - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	1	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	1	detection	Listeria monocytogenes	6	1
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	365	36	<= 100	Listeria monocytogenes	154	2
								>100	Listeria monocytogenes	154	1
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	365	36	detection	Listeria monocytogenes	302	35
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	119	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	119	0	detection	Listeria monocytogenes	117	0
	Meat from other animal species or not specified - meat products - unspecified, ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	92	10	<= 100	Listeria monocytogenes	46	0
								>100	Listeria monocytogenes	46	0
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	92	10	detection	Listeria monocytogenes	77	10
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	28	0	<= 100	Listeria monocytogenes	28	0
								>100	Listeria monocytogenes	28	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	28	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	88	2	<= 100	Listeria monocytogenes	63	0
								>100	Listeria monocytogenes	63	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	88	2	detection	Listeria monocytogenes	34	2
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	12	0	detection	Listeria monocytogenes	12	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/feed)	400	Square centimetre	N_A	13	0	detection	Listeria monocytogenes	13	0
	Meat from pig - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	66	1	<= 100	Listeria monocytogenes	38	1
								>100	Listeria monocytogenes	38	0
	Meat from pig - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	66	1	detection	Listeria monocytogenes	31	1
	Meat from pig - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	72	0	detection	Listeria monocytogenes	72	0
	Meat from pig - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	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
ITALIA	Meat from pig - fresh - Slaughterhouse - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	1	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	1	detection	Listeria monocytogenes	6	1
	Meat from pig - meat preparation - intended to be eaten raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	102	4	<= 100	Listeria monocytogenes	75	0
								>100	Listeria monocytogenes	75	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	102	4	detection	Listeria monocytogenes	49	4
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	38	6	<= 100	Listeria monocytogenes	34	0
								>100	Listeria monocytogenes	34	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	38	6	detection	Listeria monocytogenes	20	6
	Meat from pig - meat preparation - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	1	<= 100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
	Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	16	1	detection	Listeria monocytogenes	10	1
	Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	8	0
	Meat from pig - meat products - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	5	2	<= 100	Listeria monocytogenes	5	2
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	5	2	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	954	16	<= 100	Listeria monocytogenes	234	1
								>100	Listeria monocytogenes	234	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	954	16	detection	Listeria monocytogenes	849	16
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	16	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	16	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	763	0	detection	Listeria monocytogenes	763	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
ITALIA	Meat from pig - meat products - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from pig - meat products - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	118	0	<= 100	Listeria monocytogenes	52	0
								>100	Listeria monocytogenes	52	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	118	0	detection	Listeria monocytogenes	104	0
	Meat from pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	119	5	<= 100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	119	5	detection	Listeria monocytogenes	114	5
	Meat from pig - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from pig - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - other slaughtering products - blood - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - other slaughtering products - blood - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Meat from pig - other slaughtering products - blood - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	13	0	<= 100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	86	0	detection	Listeria monocytogenes	86	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from poultry, unspecified - fresh - with skin - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	101	0	<= 100	Listeria monocytogenes	81	0
								>100	Listeria monocytogenes	81	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	101	0	detection	Listeria monocytogenes	55	0
	Meat from rabbit - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from sheep - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from sheep - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from sheep - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from turkey - fresh - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	8	0
	Meat from wild game - birds - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Milk from other animal species or unspecified - pasteurised milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Milk from other animal species or unspecified - pasteurised milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	32	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - pasteurised milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	32	0	detection	Listeria monocytogenes	31	0
	Milk from other animal species or unspecified - pasteurised milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	286	0	<= 100	Listeria monocytogenes	64	0
								>100	Listeria monocytogenes	64	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	286	0	detection	Listeria monocytogenes	234	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	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
ITALIA	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	31	0	detection	Listeria monocytogenes	31	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	121	0	<= 100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	121	0	detection	Listeria monocytogenes	117	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Milk from other animal species or unspecified - pasteurised milk - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	51	0	<= 100	Listeria monocytogenes	27	0
								>100	Listeria monocytogenes	27	0
	Milk from other animal species or unspecified - pasteurised milk - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	51	0	detection	Listeria monocytogenes	24	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	403	1	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	403	1	detection	Listeria monocytogenes	403	1
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	60	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	60	0	detection	Listeria monocytogenes	60	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	96	0	detection	Listeria monocytogenes	96	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	48	5	detection	Listeria monocytogenes	48	5
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	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
ITALIA	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	9	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	9	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	76	0	<= 100	Listeria monocytogenes	27	0
								>100	Listeria monocytogenes	27	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	76	0	detection	Listeria monocytogenes	49	0
	Milk, cows' - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Milk, cows' - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Milk, cows' - raw milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	17	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	17	0	detection	Listeria monocytogenes	17	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	283	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	283	0	detection	Listeria monocytogenes	282	0
	Milk, cows' - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk, sheep's - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	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
ITALIA	Molluscan shellfish - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Molluscan shellfish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	3	0
	Molluscan shellfish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	22	0	<= 100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	22	0	detection	Listeria monocytogenes	5	0
	Molluscan shellfish - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	3	<= 100	Listeria monocytogenes	33	0
								>100	Listeria monocytogenes	33	0
	Molluscan shellfish - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	39	3	detection	Listeria monocytogenes	25	3
	Molluscan shellfish - raw - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	192	0	<= 100	Listeria monocytogenes	87	0
								>100	Listeria monocytogenes	87	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	192	0	detection	Listeria monocytogenes	125	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	18	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	18	0	detection	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	408	0	<= 100	Listeria monocytogenes	74	0
								>100	Listeria monocytogenes	74	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	408	0	detection	Listeria monocytogenes	352	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	4	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	4	2	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	530	0	<= 100	Listeria monocytogenes	255	0
								>100	Listeria monocytogenes	255	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	530	0	detection	Listeria monocytogenes	317	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	132	2	<= 100	Listeria monocytogenes	86	0
								>100	Listeria monocytogenes	86	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	132	2	detection	Listeria monocytogenes	111	2
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	93	0	detection	Listeria monocytogenes	93	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
ITALIA	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	19	1	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	19	1	detection	Listeria monocytogenes	8	1
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	69	0	detection	Listeria monocytogenes	69	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	18	0	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	18	0	detection	Listeria monocytogenes	13	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	96	2	<= 100	Listeria monocytogenes	82	0
								>100	Listeria monocytogenes	82	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	96	2	detection	Listeria monocytogenes	62	2
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	373	5	<= 100	Listeria monocytogenes	177	0
								>100	Listeria monocytogenes	177	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	373	5	detection	Listeria monocytogenes	301	5
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	5	1	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	5	1	detection	Listeria monocytogenes	2	1
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	283	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	283	0	detection	Listeria monocytogenes	282	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Other products of animal origin - gelatin and collagen - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other products of animal origin - gelatin and collagen - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	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
ITALIA	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	46	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	46	0	detection	Listeria monocytogenes	44	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Sauce and dressings - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	5	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	61	0	<= 100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	61	0	detection	Listeria monocytogenes	56	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	1	detection	Listeria monocytogenes	1	1
	Sauce and dressings - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	49	0	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	49	0	detection	Listeria monocytogenes	40	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Sauce and dressings - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	6	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Sauce and dressings - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	5	0
	Seeds, sprouted - shoot - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Seeds, sprouted - shoot - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	10	0
	Spices and herbs - dried - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Spices and herbs - dried - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	4	0
	Spices and herbs - dried - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Spices and herbs - dried - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Spices and herbs - dried - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	30	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Spices and herbs - dried - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	23	0
	Spices and herbs - dried - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Spices and herbs - dried - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	2	0
	Spices and herbs - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	45	0	<= 100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
	Spices and herbs - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	45	0	detection	Listeria monocytogenes	42	0
	Spices and herbs - dried - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Spices and herbs - dried - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Spices and herbs - dried - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	7	0
	Spices and herbs - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	1	0
	Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Surimi - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Surimi - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Vegetables - bean - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - bean - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	34	0	<= 100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Vegetables - bean - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	34	0	detection	Listeria monocytogenes	23	0
	Vegetables - bean - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	50	0	<= 100	Listeria monocytogenes	33	0
								>100	Listeria monocytogenes	33	0
	Vegetables - bean - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	50	0	detection	Listeria monocytogenes	31	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
ITALIA	Vegetables - bean - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - bean - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - bulb/ clove - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - bulb/ clove - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - bulb/ clove - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - bulb/ clove - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	77	0	<= 100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Vegetables - bulb/ clove - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	77	0	detection	Listeria monocytogenes	77	0
	Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	64	0	<= 100	Listeria monocytogenes	24	0
								>100	Listeria monocytogenes	24	0
	Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	64	0	detection	Listeria monocytogenes	64	0
	Vegetables - bulb/ clove - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	42	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	42	0	detection	Listeria monocytogenes	37	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - leaves - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	63	0	<= 100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Vegetables - leaves - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	63	0	detection	Listeria monocytogenes	63	0
	Vegetables - leaves - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	122	0	<= 100	Listeria monocytogenes	55	0
								>100	Listeria monocytogenes	55	0
	Vegetables - leaves - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	122	0	detection	Listeria monocytogenes	112	0
	Vegetables - leaves - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	370	1	<= 100	Listeria monocytogenes	132	0
								>100	Listeria monocytogenes	132	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	370	1	detection	Listeria monocytogenes	363	1
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	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
ITALIA	Vegetables - leaves - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	25	1	detection	Listeria monocytogenes	25	1
	Vegetables - leaves - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - leaves - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - leaves - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - leaves - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - pre-cut - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Vegetables - pre-cut - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	10	0
	Vegetables - products - canned - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - products - canned - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	26	0	<= 100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
	Vegetables - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	26	0	detection	Listeria monocytogenes	21	0
	Vegetables - products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Water - potable water - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	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
ITALIA	All animals - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	8	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	86	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	308	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	89	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	264	0	Lyssavirus	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Coypu -wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	5	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	248	0	Lyssavirus	0
	Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Ferrets - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1016	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	797	0	Lyssavirus	0
	Hamsters - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	7	0	Lyssavirus	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Jackals - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	23	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	317	0	Lyssavirus	0
	Mice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	21	0	Lyssavirus	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Lyssavirus	0
	Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	22	0	Lyssavirus	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	5	0	Lyssavirus	0
	Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	7	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	58	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	14	0	Lyssavirus	0
Piemonte	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	30	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	78	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	13	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	222	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
	Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	23	0	Lyssavirus	0
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	10	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	36	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	8	0	Lyssavirus	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
Liguria	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	5	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	4	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	15	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
Lombardia	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	24	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	22	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	100	0	Lyssavirus	0
	Coypu -wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	89	0	Lyssavirus	0
	Ferrets - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Lombardia	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	416	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	91	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
Abruzzo	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
Campania	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	15	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	16	0	Lyssavirus	0
	Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	49	0	Lyssavirus	0
	Hamsters - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	6	0	Lyssavirus	0
Puglia	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	10	0	Lyssavirus	0
	Mice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
Basilicata	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
Calabria	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
Sicilia	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	0	Lyssavirus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013)	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	106	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	64	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	224	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	295	0	Lyssavirus	0
Provincia Autonoma di Trento (NUTS 2010-2013)	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	17	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	20	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	5	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
Veneto (NUTS 2010-2013)	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	20	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	8	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	111	0	Lyssavirus	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	51	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	14	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	157	0	Lyssavirus	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Mice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	20	0	Lyssavirus	0
	Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	7	0	Lyssavirus	0
Friuli-Venezia Giulia (NUTS 2010-2013)	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	145	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	11	0	Lyssavirus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Friuli-Venezia Giulia (NUTS 2010-2013)	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	5	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	24	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	237	0	Lyssavirus	0
	Jackals - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	9	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
Emilia-Romagna (NUTS 2010-2013)	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	12	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	9	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	20	0	Lyssavirus	0
	Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	115	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	64	0	Lyssavirus	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	22	0	Lyssavirus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
Toscana (NUTS 2010-2013)	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	5	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	9	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
Umbria (NUTS 2010-2013)	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	25	0	Lyssavirus	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Umbria (NUTS 2010-2013)	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	14	0	Lyssavirus	0
Marche (NUTS 2010-2013)	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	8	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	8	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	7	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
Lazio (NUTS 2010-2013)	All animals - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	8	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	13	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	N_A	Not Available	animal	2	0	Lyssavirus	0

Table Mycobacterium:MYCOBACTERIUM 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
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Microbiological tests	animal	12	0	Mycobacterium	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	1	0	Mycobacterium	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	5	0	Mycobacterium	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	1	0	Mycobacterium	0
	Bison - zoo animals - Zoo - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	6	0	Mycobacterium	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	56	0	Mycobacterium	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Mycobacterium	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	2	2	Mycobacterium bovis	1
							Mycobacterium spp., unspecified	1
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Detection method of microorganisms	animal	1	0	Mycobacterium	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Mycobacterium	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	9	0	Mycobacterium	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	1	0	Mycobacterium	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Mycobacterium	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	15	0	Mycobacterium	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	3	0	Mycobacterium	0
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	39	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	PCR	animal	1	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	3	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Microbiological tests	animal	2	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	227	0	Mycobacterium	0
	Deer - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	3	0	Mycobacterium	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	1	1	Mycobacterium spp., unspecified	1
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	2	1	Mycobacterium spp., unspecified	1
	Elephants - zoo animals - Zoo - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	6	0	Mycobacterium	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Microbiological tests	animal	157	0	Mycobacterium	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Detection method of microorganisms	holding	1	0	Mycobacterium	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Microbiological tests	animal	3	0	Mycobacterium	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Classification not possible	animal	2	1	Mycobacterium spp., unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	8	0	Mycobacterium	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Detection method of microorganisms	holding	1	1	Mycobacterium bovis	1
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	5	4	Mycobacterium bovis	4
	Reptiles - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	PCR	animal	3	0	Mycobacterium	0
	Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	2	0	Mycobacterium	0
	Water buffalos - farmed - Farm - Italy - animal sample - Control and eradication programmes - Official sampling - Census	N_A	Unknown	animal	301032	3773	Mycobacterium bovis	3,773
	Wild boars - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Real-Time PCR (qualitative or quantitative)	animal	2	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Microbiological tests	animal	21	2	Mycobacterium bovis	2
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Classification not possible	animal	22	3	Mycobacterium tuberculosis complex (MTC)	3
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Microbiological tests	animal	10	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Real-Time PCR (qualitative or quantitative)	animal	3	1	Mycobacterium tuberculosis complex (MTC)	1
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	420	162	Mycobacterium bovis	11
							Mycobacterium microti	46
							Mycobacterium spp., unspecified	105
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Classification not possible	animal	9	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Microbiological tests	animal	30	0	Mycobacterium	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	14	1	Mycobacterium spp., unspecified	1
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	PCR	animal	1	0	Mycobacterium	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Microbiological tests	animal	18	0	Mycobacterium	0

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
ITALIA	Alpacas - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Alpacas - zoo animals - Zoo - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	7	0	Salmonella	0
	Antelopes - zoo animal - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Antelopes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Badgers - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	1	Salmonella Reading	1
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	8	0	Salmonella	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	24	2	Salmonella Enteritidis	1
									Salmonella Typhimurium	1
	Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Birds - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Birds - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Birds - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	24	0	Salmonella	0
	Birds - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Birds - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	5	1	Salmonella Typhimurium	1
	Birds - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Birds - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Birds - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Birds - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	10	3	Salmonella Indiana	2
									Salmonella spp., unspecified	1
	Birds - wild - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	11	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	23	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	117	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	40	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	282	23	Salmonella Coeln	2
									Salmonella Enteritidis	3
									Salmonella Infantis	1
									Salmonella Kokomlemle	1
									Salmonella Napoli	3
									Salmonella Poona	3
									Salmonella Typhimurium	10
	Bison - zoo animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Bison - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Budgerigars - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Camels - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Canary - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	5	0	Salmonella	0
	Canary - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0

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
ITALIA	Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	65	0	Salmonella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	19	0	Salmonella	0
	Cats - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Cats - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	48	3	Salmonella Typhimurium	3
	Cats - pet animals - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	27	0	Salmonella	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	84	6	Salmonella enterica, subspecies enterica	1
									Salmonella Infantis	1
									Salmonella Typhimurium	3
									Salmonella Typhimurium, monophasic	1
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	27	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	15	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	38	1	Salmonella spp., unspecified	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	13	0	Salmonella	0
		herd/flock		N_A	N_A	Not Available	110	1	Salmonella Dublin	1
		holding		N_A	N_A	Not Available	28	1	Salmonella Other serovars	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	6	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	210	24	Salmonella London	3
									Salmonella spp., unspecified	9
									Salmonella Typhimurium	12
		herd/flock		N_A	N_A	Not Available	9	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	68	0	Salmonella	0
		herd/flock		N_A	N_A	Not Available	66	3	Salmonella Corvallis	1
									Salmonella enterica, subspecies salamae	1
									Salmonella Typhimurium, monophasic	1
		holding		N_A	N_A	Not Available	18	2	Salmonella Other serovars	2
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	39	5	Salmonella 6,8:d:-	1
									Salmonella spp., unspecified	4
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	58	1	Salmonella Typhimurium	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	19	2	Salmonella Typhimurium	2
		herd/flock		N_A	N_A	Not Available	1	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	989	77	Salmonella Agona	1
									Salmonella Bovismorbificans	1
									Salmonella Dublin	18
									Salmonella Infantis	1
									Salmonella Mbandaka	2
									Salmonella Muenchen	1
									Salmonella Typhimurium	49

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
ITALIA	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	989	77	Salmonella Typhimurium, monophasic	4
	Cattle (bovine animals) - Farm - Italy - animal sample - vaginal swab - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	8	3	Salmonella Dublin	1
									Salmonella spp., unspecified	1
									Salmonella Typhimurium, monophasic	1
	Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	96	41	Salmonella Brandenburg	1
									Salmonella Dublin	18
									Salmonella enterica, subspecies enterica	1
									Salmonella Mbandaka	4
									Salmonella Takoradi	1
									Salmonella Typhimurium	7
									Salmonella Typhimurium, monophasic	9
	Cattle (bovine animals) - meat production animals - suckler cows - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	N_A	Not Available	9	0	Salmonella	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	192	3	Salmonella enterica, subspecies enterica	1
									Salmonella Muenster	1
									Salmonella Stanleyville	1
		herd/flock		N_A	N_A	Not Available	257	0	Salmonella	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2685	8	Salmonella Enteritidis	2
									Salmonella Muenchen	2
									Salmonella Rissen	1
									Salmonella Typhimurium	3
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Chinchillas - pet animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Coypu -wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - fallow deer - Conservation facilities - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - fallow deer - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - fallow deer - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	48	1	Salmonella Zaiman	1
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Deer - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Deer - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	39	0	Salmonella	0
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	5	0	Salmonella	0
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0

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
ITALIA	Deer - wild - red deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - roe deer - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - roe deer - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	86	0	Salmonella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	363	4	Salmonella enterica, subspecies diarizonae	1
									Salmonella Enteritidis	1
									Salmonella Typhimurium	1
									Salmonella Veneziana	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Deer - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	5	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	25	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	150	1	Salmonella Bredeney	1
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	131	2	Salmonella Agona	1
									Salmonella Napoli	1
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	8	0	Salmonella	0
	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	12	0	Salmonella	0
	Doves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	8	0	Salmonella	0
	Dromedaries - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Dromedaries - zoo animals - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Ducks - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
		holding		N_A	N_A	Not Available	3	0	Salmonella	0
	Ducks - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Falcons - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Falcons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Ferrets - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Fish - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Fish - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	1	Salmonella Newport	1
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	30	2	Salmonella Enteritidis	1
									Salmonella Typhimurium	1

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
ITALIA	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	9	2	Salmonella Typhimurium	2
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	208	8	Salmonella Derby	1
									Salmonella enterica, subsp. houtenae	1
									Salmonella Hessarek	2
									Salmonella Muenchen	1
									Salmonella Rissen	1
									Salmonella Typhimurium	1
									Salmonella Veneziana	1
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Gallus gallus (fowl) - breeding flocks for broiler production line - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	holding		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1267	Y	N_A	Not Available	1262	61	Salmonella 1,4,[5],12:i:-	1
									Salmonella Enteritidis	2
									Salmonella Infantis	1
									Salmonella Kentucky	18
									Salmonella Napoli	6
									Salmonella Other serovars	21
									Salmonella Typhimurium	1
									Salmonella Veneziana	11
	Gallus gallus (fowl) - breeding flocks, unspecified - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	712	N_A	N_A	Not Available	661	8	Salmonella Agona	2
									Salmonella Other serovars	1
									Salmonella Stanleyville	2
									Salmonella Veneziana	3
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	33677	Y	N_A	Not Available	28036	4255	Salmonella 1,4,[5],12:i:-	3
									Salmonella Bredeney	108
									Salmonella Enteritidis	5
									Salmonella Infantis	2,370
									Salmonella Kentucky	101
									Salmonella Livingstone	187
									Salmonella Mbandaka	247
									Salmonella Other serovars	615
									Salmonella Senftenberg	207
									Salmonella Thompson	408
									Salmonella Typhimurium	4
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	39	4	Salmonella Infantis	1
									Salmonella Typhimurium	1
									Salmonella Typhimurium, monophasic	1
									Salmonella Veneziana	1
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	2	0	Salmonella	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	65	0	Salmonella	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	39	0	Salmonella	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	herd/flock		N_A	N_A	Not Available	5	1	Salmonella Enteritidis	1
	Gallus gallus (fowl) - broilers - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	4	0	Salmonella	0
	Gallus gallus (fowl) - broilers - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	holding		N_A	N_A	Not Available	17	10	Salmonella Bredeney	9
									Salmonella Derby	1
									Salmonella Infantis	5

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
ITALIA	Gallus gallus (fowl) - broilers - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	48	3	Salmonella spp., unspecified	3
	Gallus gallus (fowl) - grandparent breeding flocks, unspecified - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	5	0	Salmonella	0
	Gallus gallus (fowl) - grandparent breeding flocks, unspecified - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	351	1	Salmonella Typhimurium	1
	Gallus gallus (fowl) - grandparent breeding flocks, unspecified - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	346	8	Salmonella Infantis	1
									Salmonella Napoli	1
									Salmonella spp., unspecified	1
									Salmonella Thompson	3
									Salmonella Veneziana	2
	Gallus gallus (fowl) - laying hens - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3990	Y	N_A	Not Available	3791	290	Salmonella 1,4,[5],12:i:-	6
									Salmonella Enteritidis	42
									Salmonella Infantis	13
									Salmonella Kentucky	108
									Salmonella Other serovars	95
									Salmonella Senftenberg	25
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1388	N_A	N_A	Not Available	1197	34	Salmonella 1,4,[5],12:i:-	2
									Salmonella Enteritidis	3
									Salmonella Kentucky	12
									Salmonella Other serovars	17
	Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
		holding		N_A	N_A	Not Available	2	1	Salmonella Kentucky	1
	Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Geese - unspecified - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	1	0	Salmonella	0
	Geese - unspecified - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	3	0	Salmonella	0
	Geese - unspecified - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Geese - unspecified - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	7	0	Salmonella	0
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	26	8	Salmonella Abortusovis	5
									Salmonella spp., unspecified	3
		herd/flock		N_A	N_A	Not Available	10	0	Salmonella	0
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	13	0	Salmonella	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	10	0	Salmonella	0
		holding		N_A	N_A	Not Available	2	0	Salmonella	0
	Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	37	5	Salmonella spp., unspecified	2
									Salmonella Typhimurium	3
		herd/flock		N_A	N_A	Not Available	59	1	Salmonella spp., unspecified	1
		holding		N_A	N_A	Not Available	8	0	Salmonella	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	15	2	Salmonella spp., unspecified	1
									Salmonella Stanleyville	1
	Goats - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	20	0	Salmonella	0
	Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	11	0	Salmonella	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock		N_A	N_A	Not Available	4	0	Salmonella	0
	Goats - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	2	0	Salmonella	0

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
ITALIA	Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Goats - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Goats - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	1	0	Salmonella	0
	Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	3	0	Salmonella	0
	Guinea pigs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	5	0	Salmonella	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	10	0	Salmonella	0
	Gulls - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	10	0	Salmonella	0
	Hares - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	9	0	Salmonella	0
	Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	26	1	Salmonella Bredeney	1
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	11	0	Salmonella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	5	2	Salmonella spp., unspecified	2
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	104	28	Salmonella Enteritidis	19
									Salmonella Typhimurium	4
									Salmonella Typhimurium, monophasic	1
									Salmonella Veneziana	4
	Kangaroos - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Marine mammals - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Marine mammals - wild - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Marine mammals - wild - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Marten - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Monkeys - zoo animal - Zoo - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Night herons - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	9	0	Salmonella	0
	Otter - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Parrots - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Parrots - pet animals - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Parrots - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0

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
ITALIA	Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	33	0	Salmonella	0
	Parrots - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Partridges - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Partridges - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	12	1	Salmonella Typhimurium	1
	Partridges - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Passeriformes, unspecified - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Passeriformes, unspecified - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	1	Salmonella Typhimurium	1
	Peafowl - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Pheasants - wild - Farm - Italy - animal sample - eggs - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	1	0	Salmonella	0
	Pheasants - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	89	0	Salmonella	0
	Pheasants - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Pheasants - wild - Natural habitat - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	24	0	Salmonella	0
	Pigeons - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Pigeons - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	25	0	Salmonella	0
	Pigeons - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Pigeons - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	10	0	Salmonella	0
	Pigeons - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Pigeons - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	15	1	Salmonella Typhimurium	1
	Pigeons - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	13	0	Salmonella	0
	Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	45	6	Salmonella Typhimurium	6
	Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	29	3	Salmonella Infantis	1
									Salmonella Typhimurium	1
									Salmonella Typhimurium, monophasic	1
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	22	7	Salmonella Derby	2
									Salmonella Muenster	1
									Salmonella spp., unspecified	3
									Salmonella Typhimurium	1
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	1	0	Salmonella	0
	Pigs - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	N_A	Not Available	47	19	Salmonella spp., unspecified	17
									Salmonella Typhimurium	2
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	1	Salmonella Typhimurium, monophasic	1
		herd/flock		N_A	N_A	Not Available	95	6	Salmonella Choleraesuis	1
									Salmonella spp., unspecified	5
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	11	0	Salmonella	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	11	6	Salmonella Typhimurium	6
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
		herd/flock		N_A	N_A	Not Available	1	1	Salmonella Derby	1
	Pigs - fattening pigs - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	N_A	Not Available	2	1	Salmonella Typhimurium	1
	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
		herd/flock		N_A	N_A	Not Available	22	0	Salmonella	0

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
ITALIA	Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	20	1	Salmonella Derby	1
	Pigs - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	16	0	Salmonella	0
	Poultry, unspecified - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	1	0	Salmonella	0
	Quails - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	1	Salmonella Ouakam	1
	Quails - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Quails - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	8	0	Salmonella	0
	Quails - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Quails - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	3	2	Salmonella Kallo	1
									Salmonella Typhimurium	1
	Rabbits - farmed - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	30	0	Salmonella	0
	Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	7	0	Salmonella	0
	Rabbits - farmed - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Reptiles - pet animals - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	9	0	Salmonella	0
	Reptiles - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Reptiles - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	1	Salmonella enterica, subsp. houtenae	1
	Reptiles - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Reptiles - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	28	1	Salmonella Singapore	1
	Reptiles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	9	1	Salmonella spp., unspecified	1
	Reptiles - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	10	8	Salmonella enterica, subsp. houtenae	2
									Salmonella enterica, subspecies salamae	1
									Salmonella Enteritidis	2
									Salmonella Napoli	1
									Salmonella spp., unspecified	2
	Reptiles - zoo animal - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Rodents - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	4	2	Salmonella Enteritidis	2
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1888	909	Salmonella Abortusovis	855
									Salmonella spp., unspecified	54
		herd/flock		N_A	N_A	Not Available	67	12	Salmonella Abortusovis	7
									Salmonella spp., unspecified	5
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	23	1	Salmonella spp., unspecified	1
	Sheep - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	herd/flock		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
		herd/flock		N_A	N_A	Not Available	79	2	Salmonella enterica, subspecies diarizonae	1
									Salmonella spp., unspecified	1

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
ITALIA	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	10	1	Salmonella Other serovars	1
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	2	0	Salmonella	0
	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	N_A	Not Available	12	0	Salmonella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	47	14	Salmonella Abortusovis	1
									Salmonella spp., unspecified	13
		herd/flock		N_A	N_A	Not Available	158	8	Salmonella Abortusovis	4
									Salmonella Agama	2
									Salmonella enterica, subspecies diarizonae	2
		holding		N_A	N_A	Not Available	16	0	Salmonella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	33	0	Salmonella	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	21	1	Salmonella Typhimurium	1
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	12	1	Salmonella enterica, subspecies diarizonae	1
		herd/flock		N_A	N_A	Not Available	1	0	Salmonella	0
	Sheep - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	9	0	Salmonella	0
	Sheep - milk ewes - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	N_A	Not Available	2	0	Salmonella	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	5	0	Salmonella	0
	Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	3	1	Salmonella enterica, subspecies diarizonae	1
	Snakes - zoo animal - Natural habitat - Italy - animal sample - cloacal swab - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Snakes - zoo animal - Natural habitat - Italy - animal sample - nasal swab - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Snakes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	31	15	Salmonella Abortusequi	7
									Salmonella spp., unspecified	8
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	28	0	Salmonella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	1	Salmonella Kimuenza	1
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	2	0	Salmonella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Solipeds, domestic - donkeys - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Solipeds, domestic - donkeys - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	1	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Solipeds, domestic - horses - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	9	6	Salmonella spp., unspecified	6
	Solipeds, domestic - horses - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	26	26	Salmonella spp., unspecified	26

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
ITALIA	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	8	0	Salmonella	0
		holding		N_A	N_A	Not Available	1	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	7	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	5	0	Salmonella	0
		herd/flock		N_A	N_A	Not Available	16	0	Salmonella	0
		holding		N_A	N_A	Not Available	2	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	9	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	4	2	Salmonella Typhimurium	2
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	1	0	Salmonella	0
	Solipeds, domestic - horses - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Solipeds, domestic - horses - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	3	3	Salmonella spp., unspecified	3
	Solipeds, domestic - horses - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Starlings - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	4	1	Salmonella Enteritidis	1
	Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	101	0	Salmonella	0
	Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	321	Y	N_A	Not Available	315	16	Salmonella Livingstone	10
									Salmonella Other serovars	6
	Turkeys - breeding flocks, unspecified - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	207	N_A	N_A	Not Available	178	14	Salmonella Livingstone	6
									Salmonella Mbandaka	4
									Salmonella Other serovars	4
	Turkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	1	0	Salmonella	0
	Turkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	holding		N_A	N_A	Not Available	2	0	Salmonella	0
	Turkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	N_A	Not Available	6	0	Salmonella	0
	Turkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	2	1	Salmonella Typhimurium, monophasic	1
	Turkeys - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Turkeys - fattening flocks - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	5996	Y	N_A	Not Available	5826	771	Salmonella 1,4,[5],12:i:-	5
									Salmonella Agona	53
									Salmonella Hadar	5
									Salmonella Haifa	61
									Salmonella Infantis	134
									Salmonella Kentucky	33
									Salmonella Newport	69
									Salmonella Other serovars	339
									Salmonella Saintpaul	49
									Salmonella Senftenberg	20
									Salmonella Typhimurium	3
	Turkeys - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	4	0	Salmonella	0

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
ITALIA	Turtles - pet animals - Natural habitat - Italy - animal sample - eggs - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Turtles - pet animals - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Turtles - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Turtles - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	5	0	Salmonella	0
	Turtles - wild - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	14	0	Salmonella	0
	Turtles - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	144	0	Salmonella	0
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	30	2	Salmonella Agama	1
									Salmonella Richmond	1
	Voles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	6	0	Salmonella	0
		holding		N_A	N_A	Not Available	4	1	Salmonella Typhimurium, monophasic	1
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	N_A	Not Available	8	0	Salmonella	0
		holding		N_A	N_A	Not Available	4	0	Salmonella	0
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	9	0	Salmonella	0
	Wild boars - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Wild boars - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Wild boars - wild - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	67	0	Salmonella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	1	1	Salmonella Napoli	1
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	504	5	Salmonella Choleraesuis	1
									Salmonella spp., unspecified	4
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	24	0	Salmonella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	13	0	Salmonella	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	17	2	Salmonella Coeln	1
									Salmonella Thompson	1
	Wild cat (Felis silvestris) - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	15	0	Salmonella	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	2	0	Salmonella	0
	Wild ducks - farmed - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	4	0	Salmonella	0
	Wild ducks - farmed - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal		N_A	N_A	Not Available	1	0	Salmonella	0
	Wolves - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	3	0	Salmonella	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	111	0	Salmonella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	N_A	Not Available	6	0	Salmonella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	animal		N_A	N_A	Not Available	18	0	Salmonella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	animal		N_A	N_A	Not Available	23	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Bakery products - bread - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Bakery products - bread - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Bakery products - cakes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Bakery products - pastry - biscuits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Bakery products - pastry - biscuits - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Bakery products - pastry - biscuits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	26	0	Salmonella	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	40	0	Salmonella	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	356	0	Salmonella	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	74	0	Salmonella	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	54	0	Salmonella	0
	Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	73	0	Salmonella	0
	Bakery products - pastry - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Beverages, non-alcoholic - soft drinks - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Beverages, non-alcoholic - soft drinks - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	32	0	Salmonella	0
	Beverages, non-alcoholic - soft drinks - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Beverages, non-alcoholic - soft drinks - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Beverages, non-alcoholic - soft drinks - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cereals and meals - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cereals and meals - flakes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cereals and meals - flakes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Cereals and meals - flakes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	39	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Cereals and meals - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	38	0	Salmonella	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	85	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	124	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - unspecified - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	86	1	Salmonella Enteritidis	1
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	42	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	53	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses made from goats' milk - hard - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	30	1	Salmonella Derby	1
	Cheeses made from sheep's milk - unspecified - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	64	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
ITALIA	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	65	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	34	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	168	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	31	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	96	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	787	1	Salmonella Newport	1
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	160	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	278	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	90	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Chocolate - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Chocolate - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Chocolate - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Chocolate - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	37	0	Salmonella	0
	Chocolate - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Salmonella	0
	Chocolate - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Salmonella	0
	Coconut - coconut products - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Crustaceans - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	1	Salmonella Kambole	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Crustaceans - unspecified - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Crustaceans - unspecified - raw - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Crustaceans - unspecified - raw - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Crustaceans - unspecified - raw - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Crustaceans - unspecified - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Crustaceans - unspecified - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	97	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	64	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	19	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	98	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	40	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	34	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	22	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	37	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	260	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
ITALIA	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	613	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	143	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	93	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	47	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	14	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Dairy products (excluding cheeses) - whey - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	56	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Dairy products, unspecified - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Egg products - dried - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	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
ITALIA	Egg products - liquid - whole - pasteurised - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Egg products - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Egg products - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	166	0	Salmonella	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Egg products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	87	0	Salmonella	0
	Eggs - table eggs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Eggs - table eggs - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Eggs - table eggs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Eggs - table eggs - mixed whole - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Eggs - table eggs - mixed whole - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Eggs - table eggs - mixed whole - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Eggs - table eggs - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Eggs - table eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	72	0	Salmonella	0
	Eggs - table eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Eggs - table eggs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	80	0	Salmonella	0
	Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	101	1	Salmonella Thompson	1
	Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Eggs - table eggs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	37	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Eggs - table eggs - shell - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	1	Salmonella spp., unspecified	1
	Eggs - table eggs - shell - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Eggs - table eggs - shell - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Eggs - table eggs - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Eggs - table eggs - white - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Eggs - table eggs - white - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	27	0	Salmonella	0
	Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Eggs - table eggs - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Eggs - table eggs - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Eggs - table eggs - yolk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Eggs - table eggs - yolk - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Fish - cooked - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Fish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Fish - marinated - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fish - smoked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Fish - smoked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	0	Salmonella	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Fish - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Fish - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	35	0	Salmonella	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	70	0	Salmonella	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	98	1	Salmonella Rissen	1
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	90	0	Salmonella	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fish - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Fish - unspecified - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	6	1	Salmonella enterica, subspecies enterica	1
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Fish (food) - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	29	0	Salmonella	0
	Fishery products, unspecified - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	30	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	88	0	Salmonella	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Fishery products, unspecified - cooked - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	173	0	Salmonella	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	333	0	Salmonella	0
	Fishery products, unspecified - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	49	1	Salmonella spp., unspecified	1
	Fishery products, unspecified - raw - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	60	1	Salmonella spp., unspecified	1
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Salmonella	0
	Fishery products, unspecified - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	55	1	Salmonella spp., unspecified	1
	Fishery products, unspecified - raw - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	58	0	Salmonella	0
	Fishery products, unspecified - raw - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Fishery products, unspecified - raw - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Fishery products, unspecified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	160	0	Salmonella	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	41	0	Salmonella	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Salmonella	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	39	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	66	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	23	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	146	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	25	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fruits - products - dried - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	37	0	Salmonella	0
	Fruits - products - fruit purée - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Fruits - products - fruit purée - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fruits - products - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Fruits - products - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Fruits - whole - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Fruits - whole - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	99	0	Salmonella	0
	Fruits - whole - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Fruits - whole - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	100	1	Salmonella spp., unspecified	1
	Fruits - whole - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	47	0	Salmonella	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	33	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Fruits and vegetables - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Honey - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Infant formula - non-ready-to-eat - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Infant formula - non-ready-to-eat - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Infant formula - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	30	0	Salmonella	0
	Infant formula - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Infant formula - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Juice - fruit juice - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Juice - fruit juice - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	21	0	Salmonella	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	46	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	169	2	Salmonella 1,4,12:i:-	1
									Salmonella Muenster	1
	Meat from bovine animals - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	158	0	Salmonella	0
	Meat from bovine animals - fresh - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	188	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	42	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	164	0	Salmonella	0
	Meat from bovine animals - fresh - Slaughterhouse - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from bovine animals - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	26	1	Salmonella Other serovars	1
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	13	1	Salmonella Enteritidis	1
	Meat from bovine animals - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	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
ITALIA	Meat from bovine animals - meat products - non-ready-to-eat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Meat from bovine animals - meat products - Wholesale - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	193	2	Salmonella Dublin	2
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	85	0	Salmonella	0
	Meat from bovine animals - minced meat - Wholesale - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	48	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	379	40	Salmonella Agona	5
									Salmonella Bredeney	17
									Salmonella Infantis	11
									Salmonella Other serovars	1
									Salmonella spp., unspecified	6
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	69	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	61	11	Salmonella Enteritidis	1
									Salmonella Infantis	7
									Salmonella Other serovars	3
	Meat from broilers (Gallus gallus) - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	35	2	Salmonella Senftenberg	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	44	14	Salmonella Infantis	13
									Salmonella Other serovars	1
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	27	9	Salmonella Bredeney	3
									Salmonella Infantis	6

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from broilers (Gallus gallus) - meat preparation - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	1	Salmonella Bredeney	1
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	2	Salmonella Bredeney	1
									Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	48	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - Processing plant - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	27	15	Salmonella Infantis	15
	Meat from broilers (Gallus gallus) - minced meat - Retail - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	2	Salmonella Infantis	2
	Meat from broilers (Gallus gallus) - offal - liver - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Meat from broilers (Gallus gallus) - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Salmonella	0
	Meat from duck - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	6	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	1	0	Salmonella	0
	Meat from goat - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from horse - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	59	0	Salmonella	0
	Meat from horse - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	15	0	Salmonella	0
	Meat from horse - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	39	0	Salmonella	0
	Meat from horse - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	32	0	Salmonella	0
	Meat from horse - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from horse - minced meat - Processing plant - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	76	0	Salmonella	0
	Meat from horse - minced meat - Retail - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	28	0	Salmonella	0
	Meat from horse - minced meat - Wholesale - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from horse - offal - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	116	3	Salmonella Derby	2
									Salmonella Typhimurium	1
	Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - carcase - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Meat from other animal species or not specified - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	283	36	Salmonella Brandenburg	2
									Salmonella Bredeney	1
									Salmonella Derby	9
									Salmonella Give	2
									Salmonella Goldcoast	1
									Salmonella Kapemba	1
									Salmonella London	2
									Salmonella Panama	1
									Salmonella Rissen	4
									Salmonella spp., unspecified	2
									Salmonella Typhimurium, monophasic	11
	Meat from other animal species or not specified - carcase - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	27	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	203	1	Salmonella Infantis	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	423	25	Salmonella Bovismorbificans	2
									Salmonella Bredeney	6
									Salmonella Enteritidis	1
									Salmonella Infantis	11
									Salmonella Kentucky	1
									Salmonella Typhimurium	3
									Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	83	2	Salmonella London	1
									Salmonella spp., unspecified	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	569	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
ITALIA	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	102	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1159	63	Salmonella Agona	1
									Salmonella Bredeney	3
									Salmonella Enteritidis	1
									Salmonella Infantis	48
									Salmonella Newport	2
									Salmonella Nigeria	1
									Salmonella spp., unspecified	2
									Salmonella Thompson	1
									Salmonella Typhimurium	2
									Salmonella Typhimurium, monophasic	2
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	27	2	Salmonella Infantis	2
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	40	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	38	9	Salmonella enterica, subspecies salamae	2
									Salmonella Give	1
									Salmonella Infantis	2
									Salmonella Kottbus	4
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	23	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	50	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	476	45	Salmonella Agona	1
									Salmonella Bredeney	1
									Salmonella Derby	3
									Salmonella Infantis	21
									Salmonella Kedougou	1
									Salmonella Mishmarhaemek	1
									Salmonella Rissen	1
									Salmonella Saintpaul	1
									Salmonella spp., unspecified	4
									Salmonella Typhimurium	6
									Salmonella Typhimurium, monophasic	5
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	30	1	Salmonella Infantis	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	76	2	Salmonella Brandenburg	1
									Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	663	41	Salmonella Apeyeme	1
									Salmonella Bredeney	1
									Salmonella Coeln	1
									Salmonella Derby	6
									Salmonella Give	6
									Salmonella Infantis	17
									Salmonella Kentucky	1
									Salmonella London	1
									Salmonella Mbandaka	1
									Salmonella Montevideo	1
									Salmonella Newport	1
									Salmonella spp., unspecified	3
									Salmonella Typhimurium, monophasic	2
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	22	1	Salmonella Infantis	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	70	1	Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	42	1	Salmonella Infantis	1
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	25	1	Salmonella Infantis	1
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	343	25	Salmonella Bredeney	4
									Salmonella Coeln	3
									Salmonella Infantis	2
									Salmonella spp., unspecified	15
									Salmonella Typhimurium	1
	Meat from other animal species or not specified - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Meat from other animal species or not specified - meat products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	518	10	Salmonella Derby	3
									Salmonella Typhimurium, monophasic	7
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	143	10	Salmonella Infantis	8
									Salmonella spp., unspecified	2
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	37	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	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
ITALIA	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	307	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	448	17	Salmonella Brandenburg	1
									Salmonella Bredeney	1
									Salmonella Derby	4
									Salmonella Kentucky	5
									Salmonella Manhattan	1
									Salmonella spp., unspecified	1
									Salmonella Typhimurium, monophasic	4
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	128	10	Salmonella Infantis	9
									Salmonella spp., unspecified	1
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	226	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	11	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	103	3	Salmonella Enteritidis	3
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	1	Salmonella Give	1
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	67	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	69	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	2	Salmonella Corvallis	1
									Salmonella Muenchen	1
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	252	10	Salmonella Bredeney	1
									Salmonella Derby	1
									Salmonella II 57:z39:e,n,x,z15	1
									Salmonella Infantis	2
									Salmonella Rissen	2
									Salmonella spp., unspecified	3
									Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	219	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
ITALIA	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	25	0	Salmonella	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	331	6	Salmonella Corvallis	1
									Salmonella Enteritidis	1
									Salmonella Infantis	3
									Salmonella Llandoff	1
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	24	0	Salmonella	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	257	1	Salmonella Anatum	1
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	144	5	Salmonella Bredeney	1
									Salmonella Infantis	3
									Salmonella London	1
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	400	Square centimetre	N_A	Not Available	15786	231	Salmonella Afula	6
									Salmonella Amager	6
									Salmonella Bredeney	1
									Salmonella Derby	31
									Salmonella Enteritidis	1
									Salmonella Give	1
									Salmonella Goldcoast	3
									Salmonella Kapemba	17
									Salmonella Livingstone	1
									Salmonella London	3
									Salmonella Rissen	22
									Salmonella spp., unspecified	143
									Salmonella Typhimurium	31
									Salmonella Typhimurium, monophasic	16
	Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	400	Square centimetre	N_A	Not Available	6186	235	Salmonella Amager	2
									Salmonella Anatum	3
									Salmonella Apeyeme	1
									Salmonella Bovismorbificans	12
									Salmonella Braenderup	1
									Salmonella Brandenburg	6
									Salmonella Bredeney	1
									Salmonella Derby	50
									Salmonella enterica, subspecies diarizonae	1
									Salmonella Essen	1
									Salmonella Give	3
									Salmonella Goldcoast	5
									Salmonella Infantis	1
									Salmonella Kapemba	2
									Salmonella Livingstone	2
									Salmonella London	10

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	400	Square centimetre	N_A	Not Available	6186	235	Salmonella Manhattan	1
									Salmonella Muenchen	3
									Salmonella Muenster	1
									Salmonella Napoli	1
									Salmonella Panama	4
									Salmonella Rissen	29
									Salmonella spp., unspecified	50
									Salmonella Typhimurium	8
									Salmonella Typhimurium, monophasic	45
	Meat from pig - fresh - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Meat from pig - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	220	14	Salmonella Derby	2
									Salmonella London	1
									Salmonella Napoli	4
									Salmonella Rissen	5
									Salmonella spp., unspecified	1
									Salmonella Typhimurium, monophasic	1
	Meat from pig - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	90	0	Salmonella	0
	Meat from pig - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	59	2	Salmonella spp., unspecified	2
	Meat from pig - fresh - Slaughterhouse - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from pig - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	193	14	Salmonella Give	4
									Salmonella Muenchen	1
									Salmonella Rissen	1
									Salmonella Typhimurium, monophasic	8
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Salmonella	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	69	4	Salmonella Derby	2
									Salmonella enterica, subspecies enterica	1
									Salmonella Infantis	1
	Meat from pig - meat preparation - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	20	0	Salmonella	0
	Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Meat from pig - meat products - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Meat from pig - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1048	2	Salmonella Other serovars	1
									Salmonella Typhimurium	1
	Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	358	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	121	0	Salmonella	0
	Meat from pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	140	1	Salmonella Cubana	1
	Meat from pig - minced meat - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	81	5	Salmonella Typhimurium	1
									Salmonella Typhimurium, monophasic	4
	Meat from pig - minced meat - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from pig - minced meat - Retail - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	54	1	Salmonella Kapemba	1
	Meat from pig - minced meat - Unspecified - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from pig - minced meat - Wholesale - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Meat from pig - other slaughtering products - blood - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from pig - other slaughtering products - blood - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	22	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	47	0	Salmonella	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	88	1	Salmonella Oranienburg	1
	Meat from rabbit - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from rabbit - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from sheep - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	147	3	Salmonella	3
	Meat from sheep - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	10	0	Salmonella	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Meat from sheep - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Meat from sheep - fresh - Slaughterhouse - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Meat from sheep - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Meat from sheep - meat products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	N_A	Not Available	1	1	Salmonella Typhimurium	1
	Meat from turkey - fresh - Catering - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Salmonella	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	70	9	Salmonella Agona	5
									Salmonella Newport	3
									Salmonella Typhimurium, monophasic	1
	Meat from turkey - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Salmonella	0
	Meat from turkey - fresh - Wholesale - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	1	Salmonella Bovismorbificans	1
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	5	Salmonella Infantis	5
	Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	57	6	Salmonella Infantis	5
									Salmonella Newport	1
	Meat from turkey - meat products - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from turkey - meat products - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Meat from turkey - minced meat - Processing plant - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Meat from turkey - minced meat - Retail - Italy - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	15	2	Salmonella Infantis	2
	Meat from wild game - birds - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	5	Salmonella Typhimurium	5
	Milk from other animal species or unspecified - pasteurised milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	204	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
ITALIA	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	91	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	33	0	Salmonella	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	553	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	60	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	36	0	Salmonella	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	18	0	Salmonella	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	30	0	Salmonella	0
	Milk, cows' - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	50	0	Salmonella	0
	Milk, cows' - raw milk - Packing centre - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	58	0	Salmonella	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	134	0	Salmonella	0
	Milk, goats' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk, sheep's - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Milk, sheep's - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Molluscan shellfish - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	1	Salmonella spp., unspecified	1
	Molluscan shellfish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Molluscan shellfish - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Molluscan shellfish - cooked - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Molluscan shellfish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Molluscan shellfish - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	269	9	Salmonella Braenderup	1
									Salmonella Hessarek	1
									Salmonella Kottbus	1
									Salmonella Newport	2
									Salmonella Senftenberg	1
									Salmonella spp., unspecified	1
									Salmonella Typhimurium, monophasic	1
									Salmonella Veneziana	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Molluscan shellfish - raw - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	1	Salmonella Napoli	1
	Molluscan shellfish - raw - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Molluscan shellfish - raw - Packing centre - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	13	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1776	12	Salmonella Bredeney	1
									Salmonella Coeln	2
									Salmonella Colorado	1
									Salmonella enterica, subspecies diarizonae	1
									Salmonella Infantis	3
									Salmonella Newport	1
									Salmonella Typhimurium	2
									Salmonella Typhimurium, monophasic	1
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	408	3	Salmonella spp., unspecified	1
									Salmonella Typhimurium, monophasic	2
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	62	0	Salmonella	0
	Molluscan shellfish - raw - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	883	17	Salmonella Apeyeme	1
									Salmonella Bredeney	1
									Salmonella Coeln	2
									Salmonella Derby	1
									Salmonella enterica, subsp. houtenae	1
									Salmonella Haifa	1
									Salmonella spp., unspecified	3
									Salmonella Toulon	1
									Salmonella Typhimurium	5
									Salmonella Typhimurium, monophasic	1
	Molluscan shellfish - raw - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Molluscan shellfish - raw - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Molluscan shellfish - raw - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	156	2	Salmonella Napoli	1
									Salmonella Veneziana	1
	Molluscan shellfish - raw - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Molluscan shellfish - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Molluscan shellfish - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Nuts and nut products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	1	Salmonella Rissen	1
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	245	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	18	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	71	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	502	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	548	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	28	1	Salmonella Infantis	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	711	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	388	3	Salmonella Infantis	1
									Salmonella spp., unspecified	2
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	125	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	308	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	570	3	Salmonella spp., unspecified	3
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	488	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	26	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	79	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Wholesale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Salmonella	0
	Sauce and dressings - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Sauce and dressings - mayonnaise - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	65	0	Salmonella	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Sauce and dressings - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	59	0	Salmonella	0
	Sauce and dressings - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Seeds, sprouted - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Seeds, sprouted - shoot - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	38	0	Salmonella	0
	Spices and herbs - dried - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Spices and herbs - dried - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Spices and herbs - dried - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	30	0	Salmonella	0
	Spices and herbs - dried - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Spices and herbs - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	71	0	Salmonella	0
	Spices and herbs - dried - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Spices and herbs - dried - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Salmonella	0
	Spices and herbs - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Spices and herbs - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Vegetables - bean - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Vegetables - bean - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	1	Salmonella Minnesota	1
	Vegetables - bean - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	26	0	Salmonella	0
	Vegetables - bean - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Vegetables - bulb/ clove - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	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
ITALIA	Vegetables - bulb/ clove - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Vegetables - bulb/ clove - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Vegetables - bulb/ clove - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	87	0	Salmonella	0
	Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	46	0	Salmonella	0
	Vegetables - bulb/ clove - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	33	0	Salmonella	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Vegetables - leaves - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	56	0	Salmonella	0
	Vegetables - leaves - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	157	1	Salmonella Napoli	1
	Vegetables - leaves - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	362	0	Salmonella	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Vegetables - leaves - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Salmonella	0
	Vegetables - leaves - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Vegetables - leaves - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Vegetables - products - canned - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Vegetables - products - canned - Retail - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	9	0	Salmonella	0
	Vegetables - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Vegetables - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	42	1	Salmonella Bovismorbificans	1
	Vegetables - products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	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
ITALIA	Vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Vegetables - products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Water - potable water - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Water - potable water - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Water - potable water - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0

Table Salmonella:SALMONELLA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	All feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	All feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Complementary feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	119	1	Salmonella Mbandaka	1
	Complementary feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	19	0	Salmonella	0
	Complementary feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Complementary feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
		single (food/feed)	25	Gram	N_A	Not Available	37	0	Salmonella	0
	Complementary feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Complementary feedingstuffs - Feed mill - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Complementary feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
		single (food/feed)	25	Gram	N_A	Not Available	20	0	Salmonella	0
			50	Gram	N_A	Not Available	3	0	Salmonella	0
	Complementary feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Complementary feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Complementary feedingstuffs - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0
	Compound feedingstuffs for cattle - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	3	0	Salmonella	0
	Compound feedingstuffs for cattle - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	2	0	Salmonella	0
	Compound feedingstuffs for cattle - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs for pigs - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
		single (food/feed)	50	Gram	N_A	Not Available	4	0	Salmonella	0
	Compound feedingstuffs for pigs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	14	0	Salmonella	0
	Compound feedingstuffs for pigs - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	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
ITALIA	Compound feedingstuffs for pigs - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	57	0	Salmonella	0
		single (food/feed)	25	Gram	N_A	Not Available	21	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	44	0	Salmonella	0
		single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Feed mill - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	46	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	27	0	Salmonella	0
		single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Retail - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	144	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	34	0	Salmonella	0
		single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	2	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	7	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - Retail - Italy - feed sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs for rabbits - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs for sheep - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	4	0	Salmonella	0
	Compound feedingstuffs for sheep - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs for sheep - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs, not specified - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	1	0	Salmonella	0
	Compound feedingstuffs, not specified - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	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
ITALIA	Feed material of cereal grain origin - barley derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
			50	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of cereal grain origin - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of cereal grain origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
			50	Gram	N_A	Not Available	29	0	Salmonella	0
	Feed material of cereal grain origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Montevideo	1
	Feed material of cereal grain origin - other cereal grain derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of cereal grain origin - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	50	Gram	N_A	Not Available	3	0	Salmonella	0
	Feed material of land animal origin - animal fat - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of land animal origin - blood meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Feed material of land animal origin - bone meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of land animal origin - bone meal - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Feed material of land animal origin - feather meal - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Feed material of land animal origin - feather meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	50	0	Salmonella	0
	Feed material of land animal origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of land animal origin - meat and bone meal - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	5	Salmonella spp., unspecified	5
	Feed material of land animal origin - meat and bone meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of land animal origin - meat meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of land animal origin - meat meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Feed material of land animal origin - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Feed material of oil seed or fruit origin - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
			50	Gram	N_A	Not Available	12	0	Salmonella	0
	Feed material of oil seed or fruit origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of oil seed or fruit origin - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	1	Salmonella Kentucky	1
									Salmonella Soerenga	1
	Feed material of oil seed or fruit origin - soya (bean) derived - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	48	2	Salmonella Derby	1
									Salmonella Tennessee	1
	Feed material of oil seed or fruit origin - soya (bean) derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Feed material of oil seed or fruit origin - soya (bean) derived - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	6	1	Salmonella London	1
	Feed material of oil seed or fruit origin - soya (bean) derived - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of oil seed or fruit origin - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other feed material - drinking water - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Salmonella	0
	Other feed material - drinking water - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Other feed material - drinking water - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	18	2	Salmonella spp., unspecified	2
	Other feed material - drinking water - Feed mill - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other feed material - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	33	0	Salmonella	0
		single (food/feed)	25	Gram	N_A	Not Available	195	2	Salmonella Typhimurium	1
									Salmonella Veneziana	1
	Other feed material - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	25	1	Salmonella Muenster	1
	Other feed material - Farm - Italy - feed sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	50	Gram	N_A	Not Available	3	0	Salmonella	0
	Other feed material - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Other feed material - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	62	1	Salmonella spp., unspecified	1
		single (food/feed)	25	Gram	N_A	Not Available	227	3	Salmonella Duisburg	1
									Salmonella London	1
									Salmonella Senftenberg	1
	Other feed material - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	33	1	Salmonella Ohio	1
	Other feed material - Feed mill - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1496	0	Salmonella	0
	Other feed material - forages and roughages - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Other feed material - forages and roughages - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Other feed material - legume seeds and similar products - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other feed material - legume seeds and similar products - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other feed material - other seeds and fruits - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	14	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	42	1	Salmonella Typhimurium	1
	Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	18	0	Salmonella	0
	Other feed material - Retail - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Other feed material - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	23	1	Salmonella Idikan	1
		single (food/feed)	25	Gram	N_A	Not Available	20	0	Salmonella	0
	Other feed material - Wholesale - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	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
ITALIA	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	26	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Beverages, non-alcoholic - soft drinks - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	18	1	Staphylococcal enterotoxins	1
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	29	1	Staphylococcal enterotoxins - Enterotoxin, unspecified	1
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - curd - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	1	Staphylococcal enterotoxins	1
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	111	1	Staphylococcal enterotoxins	1
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	89	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	216	1	Staphylococcal enterotoxins	1
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	214	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Chocolate - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Crustaceans - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - butter - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	1	Staphylococcal enterotoxins	1
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	34	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	18	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	90	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Egg products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Staphylococcal enterotoxins	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	38	0	Staphylococcal enterotoxins	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	23	0	Staphylococcal enterotoxins	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Infant formula - non-ready-to-eat - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Infant formula - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Staphylococcal enterotoxins - Enterotoxin, unspecified	1
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from pig - fresh - Catering - Italy - food sample - meat - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	14	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - pasteurised milk - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - UHT milk - Catering - Italy - food sample - milk - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Molluscan shellfish - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	40	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	23	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	21	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	38	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Staphylococcal enterotoxins - Enterotoxin, unspecified	1
	Sauce and dressings - mayonnaise - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcal enterotoxins	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcal enterotoxins	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Vegetables - products - canned - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcal enterotoxins	0
	Vegetables - products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Staphylococcal enterotoxins - Enterotoxin, unspecified	1

Table Staphylococcus:STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) 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
ITALIA	Antelopes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Staphylococcus	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	18	3	Staphylococcus aureus	1
							Staphylococcus spp., unspecified	2
	Birds - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Staphylococcus	0
	Camels - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
	Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Staphylococcus	0
	Cats - pet animals - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Staphylococcus	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	20	18	Staphylococcus intermedius	2
							Staphylococcus spp., unspecified	16
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	19	13	Staphylococcus aureus	2
							Staphylococcus intermedius	4
							Staphylococcus spp., unspecified	7
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
				herd/flock	121	54	Staphylococcus aureus	8
							Staphylococcus spp., unspecified	46
				holding	44	13	Staphylococcus aureus	6
							Staphylococcus spp., unspecified	7
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Staphylococcus spp., unspecified	1
				herd/flock	39	3	Staphylococcus spp., unspecified	3
				holding	11	1	Staphylococcus spp., unspecified	1
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	7	7	Staphylococcus spp., unspecified	7
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	1	0	Staphylococcus	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	6	1	Staphylococcus aureus	1
	Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	7	7	Staphylococcus spp., unspecified	7
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	251	0	Staphylococcus	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	1	Staphylococcus spp., unspecified	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Staphylococcus	0
	Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	6	Staphylococcus spp., unspecified	6
	Dogs - pet animals - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	3	Staphylococcus spp., unspecified	3
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	94	84	Staphylococcus intermedius	3
							Staphylococcus spp., unspecified	81
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	140	99	Staphylococcus aureus	4
							Staphylococcus intermedius	60

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
ITALIA	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	140	99	Staphylococcus spp., unspecified	35
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	1	0	Staphylococcus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	2	0	Staphylococcus	0
	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	8	0	Staphylococcus	0
	Falcons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	2	Staphylococcus spp., unspecified	2
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Staphylococcus spp., unspecified	1
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	3	3	Staphylococcus spp., unspecified	3
	Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Staphylococcus	0
				holding	1	1	Staphylococcus spp., unspecified	1
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	25	24	Staphylococcus aureus	3
							Staphylococcus spp., unspecified	21
				holding	8	6	Staphylococcus aureus	2
							Staphylococcus spp., unspecified	4
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	4	4	Staphylococcus spp., unspecified	4
				herd/flock	6	5	Staphylococcus aureus	1
							Staphylococcus spp., unspecified	4
				holding	3	0	Staphylococcus	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	9	5	Staphylococcus aureus	5
	Goats - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	1	Staphylococcus spp., unspecified	1
	Guinea pigs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Staphylococcus spp., unspecified	1
	Gulls - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	0	Staphylococcus	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	1	Staphylococcus aureus	1
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
	Parrots - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
	Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
	Pheasants - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Staphylococcus spp., unspecified	1
	Pheasants - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Staphylococcus spp., unspecified	1
	Pigeons - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Staphylococcus spp., unspecified	1
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	25	16	Staphylococcus spp., unspecified	16
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	1	Staphylococcus spp., unspecified	1
	Pigs - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	5	5	Staphylococcus spp., unspecified	5
	Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	5	5	Staphylococcus spp., unspecified	5
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Staphylococcus	0
				herd/flock	201	150	Staphylococcus aureus	35
							Staphylococcus spp., unspecified	115

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
ITALIA	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	15	10	Staphylococcus aureus	7
							Staphylococcus spp., unspecified	3
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	24	13	Staphylococcus spp., unspecified	13
				holding	11	2	Staphylococcus aureus	2
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	1	1	Staphylococcus aureus	1
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	3	3	Staphylococcus aureus	2
							Staphylococcus intermedius	3
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	herd/flock	28	28	Staphylococcus aureus	22
							Staphylococcus intermedius	3
							Staphylococcus spp., unspecified	6
	Sheep - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	19	18	Staphylococcus spp., unspecified	18
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	50	25	Staphylococcus spp., unspecified	25
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	2	2	Staphylococcus spp., unspecified	2
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	1	Staphylococcus aureus	1
				herd/flock	3	1	Staphylococcus spp., unspecified	1
				holding	4	3	Staphylococcus spp., unspecified	3
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	10	10	Staphylococcus aureus	5
							Staphylococcus intermedius	2
							Staphylococcus spp., unspecified	3
				holding	2	0	Staphylococcus	0
	Solipeds, domestic - horses - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	7	7	Staphylococcus spp., unspecified	7
	Turkeys - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	1	1	Staphylococcus spp., unspecified	1
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Staphylococcus	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	32	4	Staphylococcus spp., unspecified	4
				holding	2	1	Staphylococcus spp., unspecified	1
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	2	0	Staphylococcus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	15	0	Staphylococcus	0
	Wild boars - wild - Natural habitat - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	3	Staphylococcus spp., unspecified	3
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	1	Staphylococcus spp., unspecified	1

Table Staphylococcus:STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) 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
ITALIA	Bakery products - bread - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Bakery products - bread - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	1	Staphylococcus spp., unspecified	1
	Bakery products - cakes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Bakery products - cakes - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Bakery products - pastry - biscuits - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Bakery products - pastry - biscuits - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	14	0	Staphylococcus	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	48	0	Staphylococcus	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	62	15	Staphylococcus spp., unspecified	15
	Bakery products - pastry - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	100	0	Staphylococcus	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Staphylococcus	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	61	0	Staphylococcus	0
	Bakery products - pastry - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Staphylococcus	0
	Beverages, non-alcoholic - soft drinks - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Beverages, non-alcoholic - soft drinks - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cereals and meals - flour/meal or finely ground powder - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	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
ITALIA	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Staphylococcus	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	26	2	Staphylococcus spp., unspecified	2
	Cheeses made from cows' milk - soft and semi-soft - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Cheeses made from cows' milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	78	1	Staphylococcus spp., unspecified	1
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	1	Staphylococcus aureus	1
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	2	Staphylococcus aureus	1
									Staphylococcus spp., unspecified	1
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	34	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcus	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
ITALIA	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	115	3	Staphylococcus spp., unspecified	3
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	17	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	37	3	Staphylococcus aureus	1
									Staphylococcus spp., unspecified	2
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	26	3	Staphylococcus spp., unspecified	3
	Cheeses, made from unspecified milk or other animal milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1255	116	Staphylococcus spp., unspecified	116
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	12	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	196	22	Staphylococcus aureus	1
									Staphylococcus spp., unspecified	21
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	135	2	Staphylococcus spp., unspecified	2
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	94	1	Staphylococcus aureus	1
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcus	0
	Chocolate - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	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
ITALIA	Chocolate - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Crustaceans - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Crustaceans - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Crustaceans - unspecified - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Crustaceans - unspecified - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Crustaceans - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	14	0	Staphylococcus	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - butter - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	66	18	Staphylococcus spp., unspecified	18
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Staphylococcus	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	1	Staphylococcus spp., unspecified	1
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy desserts - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	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
ITALIA	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	68	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - made from pasteurised milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	30	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	8	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	24	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Dairy products (excluding cheeses) - dairy products, not specified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	35	1	Staphylococcus spp., unspecified	1
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	2	Staphylococcus spp., unspecified	2
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	36	0	Staphylococcus	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	2	Staphylococcus spp., unspecified	2
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	43	0	Staphylococcus	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	2	Staphylococcus spp., unspecified	2
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcus	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	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
ITALIA	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	29	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Egg products - liquid - whole - pasteurised - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Egg products - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Staphylococcus	0
	Egg products - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Egg products - non-ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	31	0	Staphylococcus	0
	Egg products - non-ready-to-eat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Eggs - table eggs - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Eggs - table eggs - white - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fats and oils (excluding butter) - fats - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Fats and oils (excluding butter) - oils - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fats and oils (excluding butter) - oils - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	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
ITALIA	Fish - cooked - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fish - smoked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	0	Staphylococcus	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	8	0	Staphylococcus	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fish - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fish - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcus	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	35	0	Staphylococcus	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	29	0	Staphylococcus	0
	Fish - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Staphylococcus	0
	Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	22	0	Staphylococcus	0
	Fishery products, unspecified - cooked - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	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
ITALIA	Fishery products, unspecified - cooked - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Staphylococcus	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fishery products, unspecified - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	0	Staphylococcus	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fishery products, unspecified - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fishery products, unspecified - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	43	0	Staphylococcus	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	25	0	Staphylococcus	0
	Fishery products, unspecified - raw - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Staphylococcus	0
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Fishery products, unspecified - raw - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcus	0
	Fishery products, unspecified - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Fishery products, unspecified - raw - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fishery products, unspecified - raw - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fishery products, unspecified - ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Fishery products, unspecified - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	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
ITALIA	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	55	0	Staphylococcus	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	37	0	Staphylococcus	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	0	Staphylococcus	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	9	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	39	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Fruits - whole - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcus	0
	Fruits - whole - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fruits - whole - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Staphylococcus spp., unspecified	1
	Fruits and vegetables - pre-cut - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Honey - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	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
ITALIA	Honey - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Honey - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Infant formula - non-ready-to-eat - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Infant formula - non-ready-to-eat - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Infant formula - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	13	0	Staphylococcus	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	1	Staphylococcus spp., unspecified	1
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	170	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	271	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	49	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	14	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Staphylococcus spp., unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	43	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	48	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	11	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	22	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	1	Staphylococcus spp., unspecified	1
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	118	2	Staphylococcus spp., unspecified	2
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	76	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	13	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	89	3	Staphylococcus spp., unspecified	3
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	94	1	Staphylococcus spp., unspecified	1
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	137	3	Staphylococcus spp., unspecified	3
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	50	0	Staphylococcus	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	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
ITALIA	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	111	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	16	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from pig - meat preparation - intended to be eaten raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	2	Staphylococcus spp., unspecified	2
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Meat from pig - meat products - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	1	Staphylococcus spp., unspecified	1
	Meat from pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Meat from pig - other slaughtering products - blood - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Meat from pig - other slaughtering products - blood - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - pasteurised milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1583	438	Staphylococcus aureus	118
									Staphylococcus intermedius	2
									Staphylococcus spp., unspecified	318
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	618	298	Staphylococcus aureus	116
									Staphylococcus intermedius	38
									Staphylococcus spp., unspecified	148
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	89	52	Staphylococcus aureus	27
									Staphylococcus intermedius	1
									Staphylococcus spp., unspecified	24
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	0	Staphylococcus	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - pasteurised milk - Wholesale - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	36	0	Staphylococcus	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
ITALIA	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	360	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	62	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	43	0	Staphylococcus	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	29	0	Staphylococcus	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Molluscan shellfish - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Molluscan shellfish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Molluscan shellfish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Molluscan shellfish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Molluscan shellfish - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	10	0	Staphylococcus	0
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	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
ITALIA	Molluscan shellfish - raw - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Staphylococcus	0
	Molluscan shellfish - raw - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Molluscan shellfish - raw - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Nuts and nut products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	24	14	Staphylococcus spp., unspecified	14
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	55	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	30	15	Staphylococcus spp., unspecified	15
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	51	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	2	Staphylococcus spp., unspecified	2
	Other processed food products and prepared dishes - pasta - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	0	Staphylococcus	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	301	5	Staphylococcus spp., unspecified	5
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	617	10	Staphylococcus spp., unspecified	10
	Other processed food products and prepared dishes - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	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
ITALIA	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	65	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	112	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	1	Staphylococcus spp., unspecified	1
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	23	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	308	5	Staphylococcus spp., unspecified	5
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	3	Staphylococcus spp., unspecified	3
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	131	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	418	4	Staphylococcus spp., unspecified	4
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	28	0	Staphylococcus	0
	Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Sauce and dressings - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	1	Staphylococcus spp., unspecified	1
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Sauce and dressings - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Staphylococcus	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	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
ITALIA	Sauce and dressings - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Staphylococcus	0
	Seeds, sprouted - shoot - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Sweets - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - bean - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Staphylococcus	0
	Vegetables - bean - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - bean - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Vegetables - bulb/ clove - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Staphylococcus spp., unspecified	1
	Vegetables - bulb/ clove - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Vegetables - leaves - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - leaves - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	34	0	Staphylococcus	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Staphylococcus	0
	Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - leaves - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	1	Staphylococcus spp., unspecified	1
	Vegetables - pre-cut - ready-to-eat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Vegetables - products - canned - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - products - canned - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Vegetables - products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Water - bottled water - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Staphylococcus	0
	Water - bottled water - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Staphylococcus	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
ITALIA	Water - potable water - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Staphylococcus	0
	Water - potable water - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	132	0	Staphylococcus	0
	Water - potable water - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Staphylococcus	0
	Water - potable water - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	14	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	6	0	Toxoplasma	0
	Bears - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	2	0	Toxoplasma	0
	Camels - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Cantabrian chamois - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Cats - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Indirect Immunofluorescent Antibody test (IFAT)	animal	34	9	Toxoplasma gondii	9
	Cats - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	1	1	Toxoplasma spp., unspecified	1
	Cats - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Indirect Immunofluorescent Antibody test (IFAT)	animal	20	4	Toxoplasma spp., unspecified	4
	Cats - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Classification not possible	animal	14	3	Toxoplasma spp., unspecified	3
	Cats - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Private sampling - Suspect sampling	N_A	Classification not possible	animal	21	1	Toxoplasma spp., unspecified	1
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Detection method of microorganisms	animal	4	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	2	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-Time PCR (qualitative or quantitative)	animal	1	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	animal	2	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	12	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	1	1	Toxoplasma gondii	1
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	42	13	Toxoplasma gondii	13
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	9	7	Toxoplasma spp., unspecified	7
				herd/flock	7	2	Toxoplasma gondii	1
							Toxoplasma spp., unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Classification not possible	herd/flock	58	15	Toxoplasma spp., unspecified	15
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	3	0	Toxoplasma	0
				herd/flock	1	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	herd/flock	5	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-Time PCR (qualitative or quantitative)	herd/flock	2	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	4	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Multiplex PCR	herd/flock	2	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	38	1	Toxoplasma gondii	1
				herd/flock	15	0	Toxoplasma	0
				holding	5	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	27	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-Time PCR (qualitative or quantitative)	herd/flock	1	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	1	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Multiplex PCR	herd/flock	5	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	6	0	Toxoplasma	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	2	0	Toxoplasma	0
	Coypu -wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	3	0	Toxoplasma	0
	Deer - wild - fallow deer - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	2	0	Toxoplasma	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	37	0	Toxoplasma	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	1	1	Toxoplasma gondii	1
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	11	0	Toxoplasma	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Deer - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Classification not possible	animal	5	2	Toxoplasma spp., unspecified	2
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	3	1	Toxoplasma gondii	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Indirect Immunofluorescent Antibody test (IFAT)	animal	1	0	Toxoplasma	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	105	50	Toxoplasma spp., unspecified	50

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
ITALIA	Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	22	7	Toxoplasma gondii	7
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	11	0	Toxoplasma	0
	Dogs - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	3	1	Toxoplasma spp., unspecified	1
	Dogs - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Indirect Immunofluorescent Antibody test (IFAT)	holding	1	0	Toxoplasma	0
	Dogs - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	1	0	Toxoplasma	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Indirect Immunofluorescent Antibody test (IFAT)	animal	1	1	Toxoplasma spp., unspecified	1
	Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	2	0	Toxoplasma	0
	Dogs - pet animals - Farm - Italy - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Dogs - pet animals - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	Classification not possible	animal	1	1	Toxoplasma spp., unspecified	1
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Indirect Immunofluorescent Antibody test (IFAT)	animal	177	44	Toxoplasma gondii	20
							Toxoplasma spp., unspecified	24
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Latex agglutination test (LAT)	animal	4	2	Toxoplasma spp., unspecified	2
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	1	1	Toxoplasma spp., unspecified	1
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Classification not possible	animal	8	5	Toxoplasma spp., unspecified	5
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Private sampling - Suspect sampling	N_A	Classification not possible	animal	17	1	Toxoplasma spp., unspecified	1
	Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Private sampling - Suspect sampling	N_A	Real-Time PCR (qualitative or quantitative)	animal	1	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Multiplex PCR	animal	7	1	Toxoplasma gondii	1
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	38	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	4	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Private sampling - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	2	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	3	0	Toxoplasma	0
	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	7	1	Toxoplasma gondii	1
	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	14	1	Toxoplasma gondii	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	7	7	Toxoplasma gondii	7
	Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	5	0	Toxoplasma	0
	Dolphin - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	3	1	Toxoplasma gondii	1
	Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	2	0	Toxoplasma	0
	Foxes - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Classification not possible	animal	3	0	Toxoplasma	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	7	0	Toxoplasma	0
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	11	1	Toxoplasma spp., unspecified	1
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	19	6	Toxoplasma gondii	6
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	152	5	Toxoplasma gondii	5
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	701	54	Toxoplasma gondii	54
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	18	3	Toxoplasma gondii	3
				herd/flock	18	4	Toxoplasma gondii	3
							Toxoplasma spp., unspecified	1
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Classification not possible	herd/flock	7	1	Toxoplasma spp., unspecified	1
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Indirect Immunofluorescent Antibody test (IFAT)	animal	1	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	2	0	Toxoplasma	0
				herd/flock	93	4	Toxoplasma gondii	4
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-Time PCR (qualitative or quantitative)	animal	1	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	2	1	Toxoplasma spp., unspecified	1
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Multiplex PCR	herd/flock	6	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	58	3	Toxoplasma gondii	3
				herd/flock	3	0	Toxoplasma	0
				holding	1	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-Time PCR (qualitative or quantitative)	herd/flock	1	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	6	1	Toxoplasma spp., unspecified	1
	Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-Time PCR (qualitative or quantitative)	herd/flock	7	0	Toxoplasma	0
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-Time PCR (qualitative or quantitative)	animal	26	4	Toxoplasma gondii	4
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	10	0	Toxoplasma	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	11	0	Toxoplasma	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	1	0	Toxoplasma	0
	Llamas - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Marine mammals - wild - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	6	2	Toxoplasma gondii	2
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	4	2	Toxoplasma gondii	2
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	2	0	Toxoplasma	0
	Mice - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	3	0	Toxoplasma	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	4	1	Toxoplasma gondii	1
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	4	0	Toxoplasma	0
	Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	3	0	Toxoplasma	0
	Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	302	62	Toxoplasma gondii	62
	Pigs - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Classification not possible	animal	236	48	Toxoplasma gondii	48
	Pigs - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	20	0	Toxoplasma	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Multiplex PCR	herd/flock	1	0	Toxoplasma	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
				herd/flock	4	0	Toxoplasma	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	42	7	Toxoplasma gondii	7
	Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	9	0	Toxoplasma	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	2	0	Toxoplasma	0
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	2884	763	Toxoplasma gondii	763
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	126	47	Toxoplasma gondii	41
							Toxoplasma spp., unspecified	6
				herd/flock	25	12	Toxoplasma gondii	10
							Toxoplasma spp., unspecified	2
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Classification not possible	herd/flock	25	14	Toxoplasma spp., unspecified	14
	Sheep - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	herd/flock	9	8	Toxoplasma gondii	1
							Toxoplasma spp., unspecified	7
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-Time PCR (qualitative or quantitative)	animal	4	3	Toxoplasma gondii	3
				herd/flock	5	1	Toxoplasma spp., unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	21	0	Toxoplasma	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Multiplex PCR	herd/flock	12	1	Toxoplasma gondii	1
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	246	30	Toxoplasma gondii	30
				herd/flock	12	0	Toxoplasma	0
				holding	6	1	Toxoplasma gondii	1
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	17	0	Toxoplasma	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Real-Time PCR (qualitative or quantitative)	herd/flock	2	0	Toxoplasma	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	4	0	Toxoplasma	0
				herd/flock	1	0	Toxoplasma	0
	Sheep - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Real-time PCR (CEN TC275/WG6)	herd/flock	4	0	Toxoplasma	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	2	0	Toxoplasma	0
	Squirrels - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	1	0	Toxoplasma	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	1	0	Toxoplasma	0
	Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	2	0	Toxoplasma	0
	Steinbock - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	15	0	Toxoplasma	0
	Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	96	1	Toxoplasma spp., unspecified	1
	Water buffalos - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	39	2	Toxoplasma spp., unspecified	2
	Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	holding	2	0	Toxoplasma	0
	Wild boars - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	98	64	Toxoplasma spp., unspecified	64
	Wild boars - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified	N_A	PCR	animal	2	0	Toxoplasma	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-time PCR (CEN TC275/WG6)	animal	1	0	Toxoplasma	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	99	0	Toxoplasma	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Real-Time PCR (qualitative or quantitative)	animal	1	0	Toxoplasma	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	PCR	animal	1	0	Toxoplasma	0
	Wolves - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Enzyme-linked immunosorbent assay (ELISA)	animal	1	0	Toxoplasma	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Classification not possible	animal	5	3	Toxoplasma gondii	3
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	PCR	animal	3	1	Toxoplasma gondii	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	PCR	animal	1	1	Toxoplasma gondii	1

Table Toxoplasma:TOXOPLASMA 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
ITALIA	Fish - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Real-time PCR (CEN TC275/WG6)	154	9	Toxoplasma gondii	9
	Honey - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Real-time PCR (CEN TC275/WG6)	13	0	Toxoplasma	0
	Meat from pig - meat products - Processing plant - Italy - food sample - meat - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Classification not possible	139	25	Toxoplasma gondii	25
	Molluscan shellfish - raw - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Real-time PCR (CEN TC275/WG6)	30	5	Toxoplasma gondii	5
	Water - potable water - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Real-time PCR (CEN TC275/WG6)	50	0	Toxoplasma	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
ITALIA	Badgers - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	18	0	Trichinella	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	28	0	Trichinella	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	435	0	Trichinella	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3	0	Trichinella	0
	Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	6	0	Trichinella	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	17	0	Trichinella	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	157	0	Trichinella	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	174	0	Trichinella	0
	Crows - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Trichinella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Trichinella	0
	Foxes - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	106	1	Trichinella, unspecified sp.	1
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	58	3	Trichinella, unspecified sp.	3
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2077	1	Trichinella britovi	1
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	19	0	Trichinella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	7	0	Trichinella	0
	Jackals - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	11	0	Trichinella	0
	Lynx - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Trichinella	0
	Marten - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	5	0	Trichinella	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	11	0	Trichinella	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	309	0	Trichinella	0
	Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	7	0	Trichinella	0
	Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Trichinella	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	2	0	Trichinella	0
	Owls - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Trichinella	0
	Pigs - breeding animals - raised under controlled housing conditions - boars - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	3265	0	Trichinella	0
	Pigs - breeding animals - raised under controlled housing conditions - sows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	126263	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	170112	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	89239	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	9780920	0	Trichinella	0
	Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	4	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	4	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	35296	0	Trichinella	0
	Weasel - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Trichinella	0
	Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	3	0	Trichinella	0
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	1884	0	Trichinella	0
	Wild boars - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	15931	2	Trichinella, unspecified sp.	2
	Wild boars - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	31042	3	Trichinella britovi	2
							Trichinella, unspecified sp.	1
	Wild boars - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	2918	0	Trichinella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	187	0	Trichinella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	66881	0	Trichinella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	14847	0	Trichinella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	3999	0	Trichinella	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	N_A	Not Available	animal	37042	0	Trichinella	0
	Wild cat (Felis silvestris) - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Trichinella	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	3	0	Trichinella	0
	Wolves - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	5	0	Trichinella	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	76	20	Trichinella, unspecified sp.	20
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	199	4	Trichinella britovi	2
							Trichinella, unspecified sp.	2
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	24	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	9	0	Yersinia	0
	Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	8	0	Yersinia	0
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	9	0	Yersinia	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Bison - zoo animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Bison - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Camels - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	62	0	Yersinia	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Yersinia	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Yersinia	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Yersinia	0
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	20	5	Yersinia enterocolitica	5
	Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	3	1	Yersinia, unspecified sp.	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	95	19	Yersinia enterocolitica	16
							Yersinia enterocolitica - serotype O:9	3
				herd/flock	62	0	Yersinia	0
				holding	24	4	Yersinia enterocolitica	4
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	2	0	Yersinia	0
	Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	11	0	Yersinia	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	56	32	Yersinia enterocolitica	32
	Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	7	0	Yersinia	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Yersinia	0
	Chinchillas - pet animal - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	4	1	Yersinia enterocolitica - serotype O:8	1
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	2	Yersinia enterocolitica	1
							Yersinia enterocolitica - serotype O:8	1
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	40	0	Yersinia	0
	Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	1	1	Yersinia enterocolitica - serotype O:8	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	199	24	Yersinia enterocolitica	4
							Yersinia enterocolitica - serotype O:5	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	199	24	Yersinia enterocolitica - serotype O:8	1
							Yersinia enterocolitica - serotype O:9	2
							Yersinia frederiksenii	2
							Yersinia kristensenii	3
							Yersinia, unspecified sp.	10
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	11	6	Yersinia enterocolitica	3
							Yersinia enterocolitica - serotype O:5	1
							Yersinia enterocolitica - serotype O:8	1
							Yersinia enterocolitica - serotype O:9	1
	Dogs - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	4	1	Yersinia enterocolitica	1
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	25	2	Yersinia enterocolitica	1
							Yersinia, unspecified sp.	1
	Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	0	Yersinia	0
	Ferrets - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	4	0	Yersinia	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	130	20	Yersinia enterocolitica	9
							Yersinia enterocolitica - serotype O:5	4
							Yersinia enterocolitica - serotype O:8	2
							Yersinia intermedia	1
							Yersinia, unspecified sp.	4
	Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	14	11	Yersinia enterocolitica	6
							Yersinia enterocolitica - serotype O:5	3
							Yersinia enterocolitica - serotype O:8	1
							Yersinia intermedia	1
	Foxes - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
				holding	1	0	Yersinia	0
	Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	4	0	Yersinia	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
				herd/flock	3	0	Yersinia	0
				holding	1	0	Yersinia	0
	Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	7	5	Yersinia, unspecified sp.	5
				herd/flock	7	0	Yersinia	0
	Goats - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Yersinia	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	4	0	Yersinia	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Yersinia	0
	Guinea pigs - pet animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Yersinia	0
	Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	6	2	Yersinia enterocolitica	1
							Yersinia enterocolitica - serotype O:8	1
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	14	6	Yersinia pseudotuberculosis	1
							Yersinia, unspecified sp.	5
	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	4	2	Yersinia enterocolitica - serotype O:5	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	4	2	Yersinia enterocolitica - serotype O:8	1
	Hedgehogs - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Yersinia	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	7	0	Yersinia	0
	Monkeys - zoo animal - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Yersinia	0
	Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	0	Yersinia	0
	Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Pigeons - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Yersinia	0
	Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Yersinia	0
	Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	holding	1	0	Yersinia	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	3	2	Yersinia enterocolitica	2
	Rats - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	2	0	Yersinia	0
	Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	38	21	Yersinia enterocolitica	21
	Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	2	1	Yersinia, unspecified sp.	1
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	0	Yersinia	0
				herd/flock	48	0	Yersinia	0
				holding	6	1	Yersinia enterocolitica	1
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	2	0	Yersinia	0
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
				herd/flock	40	1	Yersinia, unspecified sp.	1
	Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	herd/flock	3	0	Yersinia	0
	Solipeds, domestic - donkeys - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified	N_A	Not Available	herd/flock	1	0	Yersinia	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Yersinia	0
	Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	102	0	Yersinia	0
	Turtles - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	6	0	Yersinia	0
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	8	0	Yersinia	0
	Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	2	0	Yersinia	0
	Water buffalos - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	9	1	Yersinia, unspecified sp.	1
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	9	8	Yersinia, unspecified sp.	8
	Wild boars - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	62	0	Yersinia	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	37	17	Yersinia enterocolitica	5
							Yersinia enterocolitica - serotype O:5	1
							Yersinia enterocolitica - serotype O:8	2
							Yersinia enterocolitica - serotype O:9	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	37	17	Yersinia frederiksenii	2
							Yersinia intermedia	1
							Yersinia kristensenii	1
							Yersinia, unspecified sp.	4
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	1	0	Yersinia	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	N_A	Not Available	animal	1	0	Yersinia	0
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	7	4	Yersinia enterocolitica	1
							Yersinia enterocolitica - serotype O:5	1
							Yersinia enterocolitica - serotype O:8	2
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	16	0	Yersinia	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	7	0	Yersinia	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	97	0	Yersinia	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	N_A	Not Available	animal	6	4	Yersinia, unspecified sp.	4
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified	N_A	Not Available	animal	7	0	Yersinia	0
	Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling	N_A	Not Available	animal	22	0	Yersinia	0

Table Yersinia:YERSINIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Yersinia	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Yersinia	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	19	0	Yersinia	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Yersinia	0
	Coconut - coconut products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Crustaceans - unspecified - raw - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	3	0	Yersinia	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	4	0	Yersinia	0
	Fish - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	10	0	Yersinia	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Fruits - whole - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	15	0	Yersinia	0
	Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	0	Yersinia	0
	Meat from other animal species or not specified - carcase - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Yersinia enterocolitica	1
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	20	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	56	1	Yersinia, unspecified sp.	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Farm - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	12	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	54	3	Yersinia enterocolitica	2
									Yersinia, unspecified sp.	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	9	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Farm - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	7	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	14	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	96	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	2	1	Yersinia enterocolitica	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	18	1	Yersinia enterocolitica	1
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from pig - fresh - Processing plant - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Yersinia	0
	Meat from pig - fresh - Processing plant - Italy - food sample - meat - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from pig - fresh - Retail - Italy - food sample - meat - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from pig - meat products - ready-to-eat - Unspecified - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	0	Yersinia	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	30	0	Yersinia	0
	Molluscan shellfish - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	1	1	Yersinia enterocolitica	1
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Not Available	20	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	8	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0
	Vegetables - bulb/ clove - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	0	Yersinia	0

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

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

		Outbreak strenght	Strong			Weak			
Causative agent	Food vehicle	N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Bacillus cereus	Cereal products including rice and seeds/pulses (nuts, almonds)	1	2	2	0				
	Mixed food	2	12	4	0				
	Buffet meals					1	7	0	0
Calicivirus	Unknown	2	27	0	0				
Campylobacter	Broiler meat (Gallus gallus) and products thereof	1	2	0	0				
	Unknown					1	2	2	0
	Meat and meat products					1	3	0	0
Campylobacter jejuni	Bovine meat and products thereof	1	5	2	0				
	Broiler meat (Gallus gallus) and products thereof					1	5	1	0
	Buffet meals					1	2	0	0
Clostridium botulinum	Vegetables and juices and other products thereof	1	2	2	0				
	Other foods	1	2	2	0				
Clostridium perfringens	Bovine meat and products thereof	1	45	3	0				
	Pig meat and products thereof	1	10	3	1				
	Buffet meals	1	31	1	0				
Cryptosporidium, unspecified sp.	Tap water, including well water	1	73	4	0				
Giardia intestinalis	Tap water, including well water					1	199	1	0
Hepatitis virus	Pig meat and products thereof	2	14	14	0				
Hepatovirus A	Vegetables and juices and other products thereof	1	3	2	0				
	Fruit, berries and juices and other products thereof					2	5	5	0
	Unknown					1	2	2	0
Histamine	Fish and fish products	4	8	7	0	21	51	9	0
	Canned food products	1	2	2	0				
Listeria monocytogenes	Pig meat and products thereof	1	6	6	2				
Mushroom toxins	Other foods					1	6	6	0
Norovirus	Vegetables and juices and other products thereof	2	9	5	0				
	Herbs and spices	1	13	5	0				
	Buffet meals					1	15	0	0
	Unknown	1	3	0	0	1	43	2	0
Salmonella	Eggs and egg products	1	4	1	0				
	Unknown					5	31	7	0
	Meat and meat products					1	5	5	0
Salmonella Brandenburg	Unknown					1	3	2	0

Causative agent	Food vehicle	Outbreak strenght	Strong				Weak			
			N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Salmonella Enteritidis	Eggs and egg products		1	15	2	0	1	2	2	0
Salmonella group D	Unknown		2	4	0	0				
Salmonella Infantis	Meat and meat products		1	3	3	0				
Salmonella Napoli	Eggs and egg products						1	2	1	0
Salmonella Paratyphi B	Unknown		1	3	0	0				
Salmonella Strathcona	Other or mixed red meat and products thereof						1	14	5	0
Salmonella Typhimurium, monophasic	Unknown						2	4	3	0
Staphylococcal enterotoxins	Other foods		1	42	0	0				
	Mixed food		3	98	44	0				
	Buffet meals		1	4	1	0				
	Unknown						1	11	10	0
Staphylococcal enterotoxins - Enterotoxin, unspecified	Bovine meat and products thereof						1	2	0	0
	Pig meat and products thereof						1	2	1	0
	Bakery products						1	9	1	0
Trichinella britovi	Other or mixed red meat and products thereof		1	9	3	0				
Unknown	Eggs and egg products						1	7	2	0
	Bovine meat and products thereof						2	46	0	0
	Other or mixed red meat and products thereof						1	3	2	0
	Fish and fish products						4	82	4	0
	Crustaceans, shellfish, molluscs and products thereof						1	2	0	0
	Vegetables and juices and other products thereof						2	5	5	0
	Cereal products including rice and seeds/pulses (nuts, almonds)						1	2	1	0
	Sweets and chocolate						4	15	6	0
	Bakery products						1	23	0	0
	Other foods						3	13	3	0
	Mixed food						6	169	8	0
	Buffet meals						3	53	35	0
	Unknown		5	29	0	0	11	93	18	0
Vibrio, unspecified sp.	Sweets and chocolate		1	7	6	0				
VTEC, unspecified	Tap water, including well water		1	25	0	0	1	22	0	0

Strong Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Bacillus cereus	unk	Not Available	Not Available	Not Available	N_A	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Temporary mass catering (fairs or festivals)	Unknown	Not Available	Storage time/temperature abuse	N_A	1	8	0	0
						Household	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Take-away or fast-food outlet	Unknown;Household	Not Available	Storage time/temperature abuse	N_A	1	2	2	0
							Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Household	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Cross-contamination	N_A	1	4	4	0
Calicivirus	unk	Not Available	Not Available	Not Available	N_A	Not Available	Unknown	N_A	Analytical epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	10	unk	unk
						General	Unknown	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	17	0	0
Campylobacter	unk	Not Available	Not Available	Not Available	N_A	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Household	Household	Not Available	Not Available	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Campylobacter jejuni	unk	Not Available	Not Available	Not Available	N_A	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unprocessed contaminated ingredient;Infected food handler;Cross-contamination	N_A	1	5	2	0
Clostridium botulinum	unk	Not Available	Not Available	Not Available	N_A	Household	Vegetables and juices and other products thereof	N_A	Analytical epidemiological evidence	Household	Not Available	Not Available	Not Available	N_A	1	2	2	0
							Other foods	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Household	Not Available	Not Available	Not Available	N_A	1	2	2	0
Clostridium perfringens	unk	Not Available	Not Available	Not Available	N_A	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Residential institution (nursing home or prison or boarding school)	Residential institution (nursing home or prison or boarding school)	Not Available	Inadequate heat treatment	N_A	1	45	3	unk
							Pig meat and products thereof	N_A	Descriptive epidemiological evidence	Catering on aircraft or ship or train	Processing plant	Italy	Storage time/temperature abuse;Inadequate heat treatment;Cross-contamination	N_A	1	10	3	1
							Buffet meals	N_A	Descriptive epidemiological evidence;Analytical epidemiological evidence	Canteen or workplace catering	Canteen or workplace catering	Unknown	Storage time/temperature abuse;Cross-contamination	N_A	1	31	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Cryptosporidium, unspecified sp.	unk	Not Available	Not Available	Not Available	N_A	General	Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Analytical epidemiological evidence	Others	Others	Unknown	Other contributory factor	N_A	1	73	4	0
Hepatitis virus	unk	Not Available	Not Available	Not Available	N_A	General	Pig meat and products thereof	N_A	Product-tracing investigations;Analytical epidemiological evidence	Multiple places of exposure in more than one country	Unknown	Italy	Unknown	N_A	1	8	8	0
										Multiple places of exposure in one country	Not Available	Italy	Unknown	N_A	1	6	6	0
Hepatovirus A	unk	Not Available	Not Available	Not Available	N_A	Household	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Multiple places of exposure in more than one country	Travel abroad	Unknown	Untreated drinking water;Other contributory factor	N_A	1	3	2	unk
Histamine	unk	Not Available	Not Available	Not Available	N_A	Not Available	Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	2	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Analytical epidemiological evidence	Household	Household	Italy	Inadequate chilling	N_A	1	2	2	0
									Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;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	Non European Union	Inadequate chilling	N_A	1	2	1	0
							Canned food products	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;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	Ecuador	Storage time/temperature abuse	N_A	1	2	2	0
						Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Household	Unknown	Not Available	Unknown	N_A	1	2	2	0
Listeria monocytogenes	unk	Not Available	Not Available	Not Available	N_A	General	Pig meat and products thereof	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Household	Processing plant	Italy	Other contributory factor	N_A	1	6	6	2
Norovirus	unk	Not Available	Not Available	Not Available	N_A	Not Available	Unknown	N_A	Analytical epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	3	unk	unk

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Vegetables and juices and other products thereof	N_A	Product-tracing investigations;Descriptive epidemiological evidence	Household	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Non European Union	Unprocessed contaminated ingredient	N_A	1	5	5	0
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Non European Union	Unprocessed contaminated ingredient	N_A	1	4	0	0
							Herbs and spices	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	N_A	1	13	5	0
Salmonella	unk	Not Available	Not Available	Not Available	N_A	Household	Eggs and egg products	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Household	Farm	Italy	Unprocessed contaminated ingredient;Infected food handler	N_A	1	4	1	0
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Camp or picnic	Not Available	Italy	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	15	2	0
Salmonella group D	unk	Not Available	Not Available	Not Available	N_A	Not Available	Unknown	N_A	Analytical epidemiological evidence	Household	Not Available	Not Available	Not Available	N_A	1	2	unk	unk
										Residential institution (nursing home or prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	2	unk	unk

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Infantis	unk	Not Available	Not Available	Not Available	N_A	General	Meat and meat products	N_A	Product-tracing investigations;Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Not Available	N_A	1	3	3	0
Salmonella Paratyphi B	unk	Not Available	Not Available	Not Available	N_A	Not Available	Unknown	N_A	Analytical epidemiological evidence	Household	Not Available	Not Available	Not Available	N_A	1	3	unk	unk
Staphylococcal enterotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Others	Not Available	Not Available	Infected food handler;Inadequate chilling	N_A	1	42	0	0
							Mixed food	N_A	Descriptive epidemiological evidence	Farm	Not Available	Not Available	Inadequate chilling	N_A	1	70	44	0
									Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Residential institution (nursing home or prison or boarding school)	Residential institution (nursing home or prison or boarding school)	Not Available	Storage time/temperature abuse	N_A	1	11	0	0
									Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Temporary mass catering (fairs or festivals)	Temporary mass catering (fairs or festivals)	Unknown	Storage time/temperature abuse	N_A	1	17	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Staphylococcal enterotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Buffet meals	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Analytical 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	Italy	Unknown	N_A	1	4	1	0
Trichinella britovi	unk	Not Available	Not Available	Not Available	N_A	Not Available	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Not Available	Not Available	Not Available	Not Available	N_A	1	9	3	0
Unknown	unk	Not Available	Not Available	Not Available	N_A	Not Available	Unknown	N_A	Descriptive epidemiological evidence	Household	Not Available	Not Available	Not Available	N_A	4	26	unk	unk
										Others	Not Available	Not Available	Not Available	N_A	1	3	unk	unk
Vibrio, unspecified sp.	unk	Not Available	Not Available	Not Available	N_A	General	Sweets and chocolate	N_A	Descriptive epidemiological evidence;Analytical 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	Not Available	Storage time/temperature abuse;Inadequate heat treatment;Cross-contamination	N_A	1	7	6	0
VTEC, unspecified	unk	Adhesion genes investigation not reported	Verotoxin production, toxin type unknown	Not Available	N_A	General	Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Camp or picnic	Camp or picnic	Not Available	Untreated drinking water	N_A	1	25	0	0

Weak Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Bacillus cereus	unk	Not Available	Not Available	Not Available	N_A	General	Buffet meals	N_A	Unknown; Analytical 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	Italy	Storage time/temperature abuse;Other contributory factor;Cross-contamination	N_A	1	7	0	0
Campylobacter	unk	Not Available	Not Available	Not Available	N_A	Household	Meat and meat products	N_A	Descriptive epidemiological evidence	Household	Unknown	Not Available	Unknown	N_A	1	3	0	0
						Unknown	Unknown	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Not Available	Unknown	N_A	1	2	2	0
Campylobacter jejuni	unk	Not Available	Not Available	Not Available	N_A	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown; Descriptive epidemiological evidence	Camp or picnic	Camp or picnic	Unknown	Unprocessed contaminated ingredient;Storage time/temperature abuse;Cross-contamination	N_A	1	5	1	0
							Buffet meals	N_A	Unknown; Descriptive epidemiological evidence	Camp or picnic	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	2	0	0
Giardia intestinalis	unk	Not Available	Not Available	Not Available	N_A	General	Tap water, including well water	N_A	Descriptive environmental evidence; Descriptive epidemiological evidence	Multiple places of exposure in one country	Others	Italy	Other contributory factor	N_A	1	199	1	0
Hepatovirus A	unk	Not Available	Not Available	Not Available	N_A	General	Fruit, berries and juices and other products thereof	N_A	Unknown; Descriptive epidemiological evidence	Household	Mobile retailer or market/street vendor	Non European Union	Unprocessed contaminated ingredient	N_A	1	2	2	0
						Household	Fruit, berries and juices and other products thereof	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0
						Unknown	Unknown	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Not Available	Not Available	N_A	1	2	2	0
Histamine	unk	Not Available	Not Available	Not Available	N_A	Not Available	Fish and fish products	N_A	Unknown	Unknown	Unknown	Not Available	Storage time/temperature abuse	N_A	2	4	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Descriptive environmental evidence; Descriptive epidemiological evidence	Household	Household	Unknown	Inadequate chilling	N_A	1	2	0	0
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Italy	Inadequate chilling	N_A	1	2	0	0
												Unknown	Inadequate chilling	N_A	2	7	0	0
									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	Not Available	Not Available	N_A	1	2	0	0
													Storage time/temperature abuse	N_A	1	3	0	0
											Unknown	Spain	Storage time/temperature abuse	N_A	1	2	2	0
												Unknown	Storage time/temperature abuse	N_A	2	4	0	0
													Unknown	N_A	2	4	4	0
						Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Household	Unknown	Not Available	Storage time/temperature abuse	N_A	1	2	0	0
												Unknown	Storage time/temperature abuse	N_A	1	3	3	0
						Unknown	Fish and fish products	N_A	Analytical epidemiological evidence	Unknown	Unknown	Not Available	Storage time/temperature abuse	N_A	1	2	0	0
									Descriptive epidemiological evidence	Unknown	Not Available	Not Available	Storage time/temperature abuse	N_A	2	4	0	0
											Unknown	Not Available	Inadequate heat treatment	N_A	1	3	0	0
									Unknown	Unknown	Not Available	Not Available	Storage time/temperature abuse	N_A	1	2	0	0
											Unknown	Not Available	Storage time/temperature abuse	N_A	1	5	0	0
Mushroom toxins	unk	Not Available	Not Available	Not Available	N_A	Household	Other foods	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Household	Household	Italy	Inadequate heat treatment	N_A	1	6	6	0
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Buffet meals	N_A	Unknown; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Cross-contamination	N_A	1	15	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Descriptive epidemiological evidence	Unknown	Not Available	Not Available	Not Available	N_A	1	43	2	0
Salmonella	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Descriptive epidemiological evidence	Camp or picnic	Unknown	Not Available	Not Available	N_A	1	5	0	0
							Meat and meat products	N_A	Analytical 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	Not Available	Not Available	N_A	1	5	5	unk
						Household	Unknown	N_A	Descriptive epidemiological evidence	Household	Household	Not Available	Unknown	N_A	1	4	1	0
											Unknown	Not Available	Not Available	N_A	1	2	0	0
									Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	5	1	0
						Unknown	Unknown	N_A	Unknown; Analytical epidemiological evidence	Unknown	Unknown	Not Available	Unknown	N_A	1	15	5	0
Salmonella Brandenburg	unk	Not Available	Not Available	Not Available	N_A	Unknown	Unknown	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Household	Not Available	Not Available	Unknown	N_A	1	3	2	unk
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence; Analytical epidemiological evidence	Household	Household	Italy	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	2	2	0
Salmonella Napoli	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Unknown; Analytical epidemiological evidence	Household	Household	Unknown	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	2	1	0
Salmonella Strathcona	unk	Not Available	Not Available	Not Available	N_A	General	Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse	N_A	1	14	5	0
Salmonella Typhimurium, monophasic	unk	Not Available	Not Available	Not Available	N_A	Household	Unknown	N_A	Analytical epidemiological evidence	Household	Household	Not Available	Unknown	N_A	1	2	2	unk

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Typhimurium, monophasic	unk	Not Available	Not Available	Not Available	N_A	Household	Unknown	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans	Unknown	Unknown	Not Available	Storage time/temperature abuse	N_A	1	2	1	unk
Staphylococcal enterotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Not Available	Unknown	N_A	1	11	10	0
Staphylococcal enterotoxins - Enterotoxin, unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Bovine meat and products thereof	N_A	Descriptive environmental evidence; Analytical 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	Italy	Other contributory factor;Inadequate heat treatment	N_A	1	2	0	0
							Pig meat and products thereof	N_A	Unknown; 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	Italy	Other contributory factor	N_A	1	2	1	0
							Bakery products	N_A	Unknown; Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	9	1	0
Unknown	unk	Not Available	Not Available	Not Available	N_A	Not Available	Unknown	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0
						General	Eggs and egg products	N_A	Descriptive epidemiological evidence; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	2	0
							Bovine meat and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	N_A	1	42	0	0
									Unknown; Analytical 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	Costa Rica	Inadequate heat treatment;Inadequate chilling	N_A	1	4	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Other or mixed red meat and products thereof	N_A	Product-tracing investigations;Unknown;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Not Available	N_A	1	3	2	0
							Fish and fish products	N_A	Unknown	Mobile retailer or market/street vendor	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Not Available	N_A	1	2	unk	unk
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Not Available	N_A	1	4	3	0
									Unknown; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	4	0	0
									Unknown; Descriptive epidemiological evidence	Temporary mass catering (fairs or festivals)	Temporary mass catering (fairs or festivals)	Unknown	Unknown	N_A	1	72	1	0
							Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive environmental evidence; Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Storage time/temperature abuse	N_A	1	2	0	0
							Vegetables and juices and other products thereof	N_A	Descriptive environmental evidence; Descriptive epidemiological evidence	Household	Household	Italy	Unknown	N_A	1	2	2	0
									Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	3	3	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Sweets and chocolate	N_A	Analytical epidemiological evidence	Mobile retailer or market/street vendor	Mobile retailer or market/street vendor	Unknown	Not Available	N_A	1	2	1	0
									Descriptive epidemiological evidence; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	2	0
									Unknown	Household	Household	Unknown	Not Available	N_A	1	4	0	0
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Italy	Inadequate chilling	N_A	1	5	3	0
							Bakery products	N_A	Unknown; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	23	0	0
							Other foods	N_A	Descriptive epidemiological evidence; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
									Unknown; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	8	1	0
							Mixed food	N_A	Descriptive epidemiological evidence	Farm	Unknown	Not Available	Storage time/temperature abuse	N_A	1	7	7	0
									Descriptive epidemiological evidence; Analytical epidemiological evidence	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	140	0	unk
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	14	0	0
							Buffet meals	N_A	Unknown; Analytical epidemiological evidence	School or kindergarten	School or kindergarten	Italy	Storage time/temperature abuse;Inadequate chilling	N_A	1	45	34	0
									Unknown; Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	2	8	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	N_A	4	48	9	0
													Unknown	N_A	1	4	0	0
										Temporary mass catering (fairs or festivals)	Unknown	Not Available	Not Available	N_A	1	26	1	0
						Household	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Descriptive epidemiological evidence	Household	Household	Not Available	Other contributory factor	N_A	1	2	1	0
							Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
							Mixed food	N_A	Descriptive epidemiological evidence	Household	Household	Not Available	Storage time/temperature abuse	N_A	1	6	1	0
							Unknown	N_A	Descriptive epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0
						Unknown	Mixed food	N_A	Descriptive epidemiological evidence	Take-away or fast-food outlet	Unknown	Not Available	Not Available	N_A	1	2	0	0
							Unknown	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	N_A	1	3	2	0
										Unknown	Not Available	Not Available	Not Available	N_A	1	3	1	0
											Unknown	Not Available	Unknown	N_A	1	3	2	0
VTEC, unspecified	unk	Adhesion genes investigation not reported	Verotoxin production, toxin type unknown	Not Available	N_A	General	Tap water, including well water	N_A	Analytical epidemiological evidence	Multiple places of exposure in one country	Water distribution system	Not Available	Untreated drinking water	N_A	1	22	0	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse | Sampling Type: animal sample - caecum | Sampling Context: Monitoring

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

Analytical Method:

Country of Origin: Italy

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	**106**	**106**	**106**	**106**	**106**	**106**
MIC	**N of resistant isolates**	**74**	**0**	**10**	**73**	**14**	**101**
<=0.12		32		2			
0.25				29			
<=0.5							5
0.5				60		7	
<=1			104				
1				5		69	
2		1	2		5	16	
4		4			24		1
8		41			3		
16		25		1	1	1	6
>16		3		9		13	
32					1		20
64					19		42
>64					53		32

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella 1,4,12:i:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1								1							
<=4											1				
4			1												
<=8						1									
>64		1											1		
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella 1,4,5,12:i:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1											1
<=0.5					1				1						
0.5														1	
<=1								1							
<=4											1				
4			1												
<=8						1									
>64		1											1		
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										2					
0.03							1								
<=0.25				2										1	2
<=0.5					2				2						
0.5														1	
<=2													2		
2		2						2							
<=4											2				
4			1												
<=8						2									
8			1												
32												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2													
<=2													2		
2								2							
<=4											2				
<=8						2									
8			2												
16												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.03										1					
<=0.25				1										1	
0.25							1								
<=0.5					1				1						
<=1								1							
8			1												
>32															1
64													1		
>64		1													
>128						1					1				
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**
MIC	**N of resistant isolates**	**5**	**0**	**1**	**1**	**1**	**2**	**0**	**1**	**0**	**2**	**4**	**1**	**0**	**4**
<=0.015							14								
<=0.03										16					
<=0.25				15										15	12
0.25							1								
<=0.5					15				15						
0.5														1	
<=1		10						3							
1							1								
<=2													15		
2		1						13							
<=4											14				
4			5												
>4				1											
<=8						15						4			
8			11												
>8					1										
16												5			
32									1			3			
>32															4
>64		5											1		
>128						1					2				
>1024												4			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
4			1												
<=8						1									
8											1				
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=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				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2													
<=2													2		
2								2							
<=4											2				
4			2												
<=8						2									
32												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.03										1					
0.12							1								
<=0.25				1										1	
<=0.5					1				1						
2								1							
8			1												
>32															1
64													1		
>64		1													
128											1				
>128						1									
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	1
<=0.5					2				2						
<=1								1							
1															1
2		2						1							
<=4											2				
4			1												
<=8						2									
8			1												
16												1			
32												1	2		

Table Antimicrobial susceptibility testing of Salmonella Apeyeme in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**
<=0.03										1					
0.12							1								
<=0.25				1											1
<=0.5					1				1						
0.5														1	
<=1		1													
2								1							
<=8						1									
32												1			
64			1										1		
>128											1				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**
<=0.03										1					
0.12							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=8						1									
32												1			
64			1										1		
>128											1				

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1											1
<=0.5					1				1						
0.5														1	
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
64												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
<=8						1									
8			1												
32												1			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**4**	**1**	**0**	**0**	**3**	**2**	**0**	**0**	**0**	**0**	**4**	**3**	**0**	**3**
<=0.015							3								
<=0.03										7					
0.03							1								
0.064							1								
<=0.25				6										4	3
<=0.5					6				7						
0.5				1			1								1
<=1	1							2							
1					1		1							3	
<=2													3		
2	1							5							
<=4											4				
4	1	3													
<=8						4									
8		1									1		1		
16		2									2				
32		1										1			
>32															3
64						1						1			
>64	4												3		
128												1			
>128						2									

	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**
MIC	**N of resistant isolates**	**4**	**1**	**0**	**0**	**3**	**2**	**0**	**0**	**0**	**0**	**4**	**3**	**0**	**3**
>1024												4			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**
MIC	**N of resistant isolates**	**1**	**2**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**2**	**0**	**1**
<=0.015							1								
<=0.03										8					
0.03							1								
0.064							5								
<=0.25				6										3	2
0.25							1								
<=0.5					8				8						
0.5				2											5
<=1		2													
1														5	
<=2													2		
2								8							
<=4											3				
4		3	2										4		
<=8						2									
8		2	1								4				
16			3			5					1				
32			2									1	1		
>32															1
64												2			
>64		1											1		
128												4			

	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	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**
MIC	**N of resistant isolates**	**1**	**2**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**2**	**0**	**1**
>128						1									
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Meat from pig - carcase

Sampling Stage: Retail

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1											1
<=0.5					1				1						
0.5														1	
<=2													1		
2		1						1							
<=4											1				
<=8						1									
8			1												
128												1			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=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 Brandenburg in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
<=0.015							6								
<=0.03										10					
0.03							4								
<=0.25				10										8	10
<=0.5					10				9						
0.5														2	
<=1		6													
1									1						
<=2													6		
2		4						10							
<=4											10				
4			4												
<=8						10									
8			6										3		
16												1	1		
32												4			
64												5			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**4**	**5**	**5**	**0**	**1**
<=0.015							1								
<=0.03										3					
0.064										2					
<=0.25				5										2	4
0.25							1								
<=0.5					5				5						
0.5							3							3	
<=1		3													
2		1						5							
<=4											1				
4			1												
<=8						4									
8			3												
16			1			1									
32											3				
>32															1
>64		1											5		
>128											1				
>1024												5			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.03										2					
0.03							2								
<=0.25				2										1	2
<=0.5					2				2						
0.5														1	
<=1		2													
<=2													1		
2								2							
<=4											1				
4			1												
<=8						1									
8			1								1				
32												1			
>64													1		
>128						1									
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**
MIC	**N of resistant isolates**	**5**	**1**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**9**	**9**	**0**	**1**
<=0.015							6								
<=0.03										8					
0.03							3								
0.064										1					
<=0.25				9										3	8
<=0.5					9				7						
0.5														6	
<=1	3							3							
1									2						
2	1							6							
<=4											9				
4		3													
<=8						7									
8		5													
32		1				1									
>32															1
64													1		
>64	5												8		
>128						1									
>1024												9			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**
MIC	**N of resistant isolates**	**3**	**1**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**8**	**9**	**0**	**1**
<=0.015							7								
<=0.03										9					
0.03							2								
<=0.25				9										5	8
<=0.5					9				9						
0.5														4	
<=1		4													
2		2						9							
<=4											9				
4			4												
<=8						7									
8			4												
16												1			
>32															1
64			1			1									
>64		3											9		
>128						1									
>1024												8			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: HACCP and own check

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
2								1							
<=4											1				
<=8						1									
8			1												
>64													1		
>1024												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1											1
<=0.5					1										
0.5														1	
1									1						
2								1							
<=4											1				
4			1												
<=8						1									
>64		1											1		
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**1**
<=0.03										1					
0.03							1								
<=0.25				1										1	
<=0.5					1				1						
<=1		1													
2								1							
<=4											1				
4			1												
<=8						1									
>32															1
>64													1		
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
MIC	**N of resistant isolates**	**5**	**0**	**0**	**0**	**3**	**2**	**0**	**4**	**0**	**1**	**12**	**12**	**0**	**5**
<=0.015							9								
<=0.03										9					
0.03							1								
0.064										3					
<=0.25				12										8	5
0.25							1								
<=0.5					12				7						
0.5							1							4	2
<=1		4						3							
1									1						
2		3						9							
<=4											9				
4			3												
<=8						9									
8			6								1				
16			3								1				
32									2		1				
>32									2						5
64		1													
>64		4											12		
>128						3									
>1024												12			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1								1							
<=2													1		
<=4											1				
4			1												
<=8						1									
16												1			
>64		1													

Table Antimicrobial susceptibility testing of Salmonella Chester in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**1**
<=0.03										1					
<=0.25				1											
<=0.5					1				1						
0.5							1								
<=1		1													
1														1	
2								1							
<=8						1									
8			1												
16											1				
>32															1
>64													1		
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**2**
<=0.03										2					
<=0.25				2											
<=0.5					2				2						
0.5							1								
<=1		2													
1							1							2	
2								2							
<=8						2									
8			2												
16											2				
>32															2
>64													2		
>1024												2			

Table Antimicrobial susceptibility testing of Salmonella Clackamas in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
0.03							1								
0.12										1					
<=0.25				2										1	1
<=0.5					2				2						
0.5														1	1
<=1		1													
<=2													2		
2		1						2							
<=4											2				
4			1												
<=8						2									
8			1												
64												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**21**	**21**	**21**	**21**	**21**	**21**	**21**	**21**	**21**	**21**	**21**	**21**	**21**	**21**
MIC	**N of resistant isolates**	**11**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**6**	**1**	**0**	**6**
<=0.015							19								
<=0.03										20					
0.03							1								
0.064										1					
<=0.25				21										20	13
<=0.5					21				19						
0.5							1							1	1
<=1		10						3							
1									1						1
<=2													20		
2								18							
<=4											19				
4			19												
<=8						21						1			
8			2								1				
16											1	2			
32												11			
>32									1						6
>64		11											1		
256												1			
>1024												6			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2			1										1		
2								1							
<=4											1				
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Derby in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**
MIC	**N of resistant isolates**	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**0**
<=0.015							26								
<=0.03										25					
0.03							1								
0.064										2					
<=0.25				27										24	23
<=0.5					26				27						
0.5														3	4
<=1		15						6							
1					1										
<=2													24		
2		5						21							
<=4											27				
4			12										1		
<=8						27									
8			15												
16												1			
32												12			
64												10			
>64		7											2		
128												1			
256												1			
>1024												2			

Table Antimicrobial susceptibility testing of Salmonella Derby in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										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 Derby in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**
MIC	**N of resistant isolates**	**6**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**6**	**5**	**0**	**2**
<=0.015							24								
<=0.03										21					
0.03							4								
0.064										7					
<=0.25				28										15	20
<=0.5					27				28						
0.5														13	6
<=1		18						9							
1					1										
<=2													23		
2		4						19							
<=4											27				
4			16												
<=8						27									
8			12								1				
16												1			
32												10			
>32															2
64												10	3		
>64		6											2		
128												1			
>128						1									

	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	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**	**28**
MIC	**N of resistant isolates**	**6**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**6**	**5**	**0**	**2**
>1024												6			

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**
MIC	**N of resistant isolates**	**4**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**10**	**10**	**0**	**1**
<=0.015							25								
<=0.03										32					
0.03							5								
0.064							1								
<=0.25				32										23	28
0.25							1								
<=0.5					31				31						
0.5														9	3
<=1		21						1							
1					1				1						
<=2													21		
2		6						31							
<=4											31				
4		1	17										1		
<=8						31									
8			15								1				
16						1						1			
32												15	3		
>32															1
64		2										6			
>64		2											7		
1024												2			

	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	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**
MIC	**N of resistant isolates**	**4**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**10**	**10**	**0**	**1**
>1024												8			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**1**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.03										1					
<=0.25				1										1	
0.25							1								
<=0.5					1										
<=1								1							
8			1												
32									1						
>32															1
>64		1											1		
>128						1					1				
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Derby in Meat from pig - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										1	2
<=0.5					2				2						
0.5														1	
<=1		2						2							
<=2													2		
<=4											2				
4			1												
<=8						2									
8			1												
16												1			
32												1			

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies enterica in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
4			1												
<=8						1									
16												1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1											1
<=0.5					1										
0.5														1	
1									1						
<=2													1		
2		1						1							
<=4											1				
<=8						1									
8			1												
64												1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**5**	**4**	**0**	**0**	**5**	**0**	**0**	**0**	**0**
<=0.03										5					
<=0.25				5										5	5
0.25							5								
<=0.5					5				5						
<=1		5													
<=2													5		
2								1							
4			4					4							
<=8						5						1			
8			1												
32												4			
>128											5				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
0.064										1					
<=0.25				1										1	1
<=0.5					1										
<=1		1						1							
1									1						
<=2													1		
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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
MIC	N of resistant isolates	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<=0.015							1								
<=0.03										1					
<=0.25				1										1	
<=0.5					1				1						
0.5															1
<=1		1													
<=2													1		
<=4											1				
4			1												
<=8						1									
8								1							
32												1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - breeding flocks for broiler production line

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.064							1								
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**6**	**8**	**0**	**0**	**6**	**0**	**0**	**0**	**0**
<=0.015							3								
<=0.03										12					
0.03							3								
<=0.25				12										11	8
0.25							6								
<=0.5					12				12						
0.5														1	4
<=1		4						1							
<=2			1										11		
2		8						3							
<=4											6				
4			10					4							
<=8						12									
8			1					4					1		
16												2			
32												8			
64												2			
>128											6				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1								1							
<=2													1		
2		1													
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
<=4											1				
4			1												
<=8						1									
8								1							
16												1			

Table Antimicrobial susceptibility testing of Salmonella Essen in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
2								1							
<=4											1				
<=8						1									
8			1												
32												1			
>64													1		

Table Antimicrobial susceptibility testing of Salmonella Give in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
<=0.03										2					
0.03							2								
<=0.25				2											1
<=0.5					2				2						
0.5														2	1
<=1		1													
<=2													1		
2								2							
<=4											2				
4		1													
<=8						1									
8			1												
16			1			1									
64												1			
>64													1		
128												1			

Table Antimicrobial susceptibility testing of Salmonella Give in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
64												1			

Table Antimicrobial susceptibility testing of Salmonella Give in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
16												1			

Table Antimicrobial susceptibility testing of Salmonella Give in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
128												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2											2
<=0.5					2				2						
0.5														2	
<=1		2													
2								2							
<=4											2				
4			2												
>64													2		
>128						2									
>1024												2			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
<=0.03										2					
0.03							2								
<=0.25				2										1	2
<=0.5					2				2						
0.5														1	
<=1		1						2							
<=4											2				
4		1	2										1		
<=8						2									
16													1		
32												1			
64												1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										7					
0.03							5								
<=0.25				7										7	7
<=0.5					7				7						
<=1		4													
<=2													7		
2		3						7							
<=4											7				
4			7												
<=8						7									
32												6			
64												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1								1							
<=2													1		
2		1													
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.03										1					
0.12							1								
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
4			1												
<=8						1									
16												1			
128											1				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**
<=0.03										1					
<=0.25				1											
<=0.5					1				1						
0.5							1							1	1
2								1							
<=8						1						1			
8			1												
64													1		
>64		1													
>128											1				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**6**	**5**	**0**	**0**	**2**	**5**	**0**	**6**	**0**	**1**	**6**	**7**	**0**	**0**
<=0.03										4					
0.064							2			3					
0.12							4								
<=0.25				5										1	2
0.25							1								
<=0.5					5				1						
0.5				2										2	5
<=1		1						6							
1					2									4	
2								1							
<=8						2									
8			1								2				
16			1			3					4				
32			4			1			2			1			
>32									4						
64			1										1		
>64		6											6		
128						1									
>128											1				
>1024												6			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**
<=0.03										4					
0.12							2								
<=0.25				4										4	3
0.25							2								
<=0.5					4				3						
0.5															1
<=1		4						2							
1									1						
<=2													4		
2								2							
4			4												
<=8						4						1			
16												3			
128											1				
>128											3				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0.03							1								
0.064										1					
<=0.25				1										1	
<=0.5					1				1						
0.5															1
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
128												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**2**	**0**	**2**	**2**	**2**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25															2
<=0.5									2						
0.5														2	
2								2							
<=4											2				
4			1												
>4				2											
8			1		1										
>8					1										
>64		2											2		
128						1									
>128						1									
>1024												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Processing plant

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

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

Sampling Stage: Processing plant

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.03										1					
0.25							1								
<=0.5									1						
0.5														1	
2								1							
4			1		1										
>4				1											
>32															1
>64		1											1		
128						1					1				
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.03										3					
0.03							2								
<=0.25				3										1	2
0.25							1								
<=0.5					3				3						
0.5														2	
<=1		1													
<=2													2		
2		1						3							
<=4											2				
<=8						3									
8			3												
>32															1
64												2			
>64		1											1		
>128											1				
>1024												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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.5**	**0.5**	**8**	**2**	**2**	**0.064**	**1**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**
MIC	**N of resistant isolates**	**14**	**14**	**1**	**0**	**14**	**0**	**0**	**0**	**0**	**0**
<=0.015								14			
<=0.03										12	
0.064										2	
<=0.12									1		
0.25				12					13		
0.5				1			11				
1				1			3				
4					1	9					
8		6			13	4					3
16		7				1					11
32			2								
>32		1									
64			7								
>64			5								

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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	32	32	32	32	32	32	32	32	32	32	32	32	32	32
MIC	N of resistant isolates	17	0	14	14	2	31	0	0	0	31	30	31	0	28
<=0.015							1								
<=0.03										32					
<=0.25				18										1	4
0.25							28								
<=0.5					11				32						
0.5							3							26	
<=1	2							11							
1					7									5	
<=2		1											1		
2	8							21							
<=4											1				
4	5	11		10											
>4			14												
<=8						29									
8		19		3											
>8				1											
16		1			1										
32												1			1
>32															27
64												1	2		
>64	17												29		
128					1						11				

	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	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**
MIC	**N of resistant isolates**	**17**	**0**	**14**	**14**	**2**	**31**	**0**	**0**	**0**	**31**	**30**	**31**	**0**	**28**
>128						1					20				
>1024												30			

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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.5**	**0.5**	**8**	**2**	**2**	**0.064**	**1**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**
MIC	**N of resistant isolates**	**19**	**19**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**
<=0.015								19			
<=0.03										17	
0.064										2	
<=0.12									1		
0.25				18			1		18		
0.5				1			15				
1							3				
4					1	16					
8		15			18	3					12
16		4									7
32			7								
64			11								
>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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**
MIC	**N of resistant isolates**	**32**	**2**	**19**	**19**	**5**	**81**	**0**	**0**	**0**	**80**	**59**	**59**	**0**	**73**
<=0.015							3								
<=0.03										79					
0.064										5					
<=0.25				57										16	9
0.25							72								
<=0.5					52				83						
0.5				8			7							49	2
<=1	5							33							
1					13		1		1					19	
<=2													22		
2	40						1	51							
<=4											3				
4	7	12		16									3		
>4			19												
<=8						73						2			
8		57		2											
>8				1											
16		13				6					1	15			
32		2										6			
>32															73
64	1											1	1		
>64	31												58		

	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	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**	**84**
MIC	**N of resistant isolates**	**32**	**2**	**19**	**19**	**5**	**81**	**0**	**0**	**0**	**80**	**59**	**59**	**0**	**73**
128						4					22	1			
>128						1					58				
>1024												59			

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

Sampler: HACCP and own check

Sampling Strategy: Census

Programme Code: OTHER AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Sampler: HACCP and own check

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.03										1					
<=0.25														1	1
0.25							1								
<=0.5									1						
<=2													1		
2								1							
4					1										
>4				1											
<=8						1									
8			1												
32												1			
>64		1													
128											1				

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.03										1					
<=0.25				1											
0.25							1								
<=0.5					1				1						
1														1	
2								1							
16			1			1									
>32															1
>64		1											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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**2**	**0**	**1**	**1**	**0**	**2**	**0**	**0**	**0**	**2**	**2**	**2**	**0**	**2**
<=0.03										2					
<=0.25				1											
0.25							2								
<=0.5					1				2						
0.5														2	
2								2							
4					1										
>4				1											
<=8						2									
8			2												
32		1													
>32															2
>64		1											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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**9**	**0**	**1**	**1**	**1**	**23**	**0**	**0**	**0**	**21**	**18**	**18**	**0**	**20**
<=0.03										23					
0.12							1								
<=0.25				21										3	3
0.25							19								
<=0.5					18				22						
0.5				1			3							12	
<=1	3							11							
1					4				1					8	
<=2													5		
2	11							12							
4		1		1											
>4			1												
<=8						22									
8		17													
16		5									2	2			
32												3			1
>32															19
>64	9												18		
128						1					9				
>128											12				
>1024												18			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**0**	**0**	**5**	**4**	**4**	**0**	**3**
<=0.015							1								
<=0.03										6					
<=0.25				6										2	3
0.25							4								
<=0.5					5				6						
0.5							1							3	
<=1		1						2							
1					1									1	
<=2													2		
2		3						4							
<=4											1				
4		2	1												
<=8						6									
8			5												
16												1			
32												1			
>32															3
>64													4		
128											3				
>128											2				
>1024												4			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.015							1								
<=0.03										2					
<=0.25				2										1	1
0.25							1								
<=0.5					2				2						
0.5														1	
<=1		1						1							
<=2													1		
2		1						1							
<=4											1				
<=8						2									
8			2												
32												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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**
<=0.015							1								
<=0.03										2					
<=0.25				2										1	2
0.25							1								
<=0.5					2				2						
0.5														1	
<=1		1						2							
<=2													1		
2		1													
<=4											1				
<=8						2									
8			2												
32												1			
>64													1		
128											1				
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
64												1			

Table Antimicrobial susceptibility testing of Salmonella Kapemba in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Kapemba in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**0**	**1**
<=0.015							1								
<=0.03										2					
0.03							1								
<=0.25				2										1	
<=0.5					2				1						
0.5														1	1
<=2													1		
2		1						2							
<=4											2				
<=8						2									
8			1												
>32									1						1
64			1												
>64		1											1		
128												1			
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Kapemba in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**1**
<=0.03										1					
<=0.25				1											
<=0.5					1				1						
0.5							1							1	
4								1							
8			1												
16											1				
>32															1
>64		1											1		
>128						1									
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
4			1												
<=8						1									
16												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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		1													
<=2													2		
2		1						2							
<=4											2				
4			2												
<=8						2									
64												2			

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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**1**
<=0.015							1								
<=0.03										1					
<=0.25				1											
<=0.5					1				1						
0.5														1	
2								1							
<=4											1				
4			1												
>32															1
>64		1											1		
128						1									
>1024												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
64												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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**
<=0.03										3					
<=0.25				3										3	3
0.25							3								
<=0.5					3				3						
<=1		3						2							
<=2													3		
2								1							
4			2												
<=8						3									
8			1												
32												2			
64												1			
>128											3				

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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**1**	**0**	**1**	**1**	**0**	**3**	**0**	**0**	**0**	**3**	**1**	**1**	**0**	**1**
<=0.03										3					
<=0.25				2										2	2
0.25							2								
<=0.5					2				3						
0.5							1								
<=1		2						3							
1														1	
<=2													2		
>4				1											
<=8						3									
8			3		1										
32												2			
>32															1
>64		1											1		
>128											3				
>1024												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.03										1					
<=0.25				1										1	1
0.25							1								
<=0.5					1				1						
<=1								1							
<=2													1		
<=8						1									
8			1												
16												1			
>64		1													
>128											1				

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.03										1					
<=0.25				1											
<=0.5					1				1						
0.5							1							1	
<=1								1							
<=8						1									
16			1												
>32															1
>64		1											1		
>128											1				
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - breeding flocks for broiler production line

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**3**	**1**	**0**	**0**	**0**
<=0.03										3					
<=0.25				3										3	3
0.25							2								
<=0.5					3				3						
<=1		2						3							
<=2													3		
2							1								
4			3												
<=8						3									
32												1			
64												1			
>64		1													
>128											3				
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - breeding flocks for broiler production line

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
<=8						1									
8			1												
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**3**	**0**	**0**	**0**	**0**	**5**	**0**	**2**	**0**	**4**	**3**	**3**	**0**	**0**
<=0.03										5					
<=0.25				5										4	5
0.25							2								
<=0.5					5				3						
0.5							1							1	
<=1	2							1							
<=2													2		
2								4							
4			2												
<=8						5									
8			3				1								
>8							1								
16									2		1	1			
32												1			
>64	3												3		
>128											4				
>1024												3			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**	**14**
MIC	**N of resistant isolates**	**1**	**0**	**1**	**1**	**0**	**14**	**0**	**0**	**0**	**14**	**0**	**0**	**0**	**0**
<=0.03										13					
0.064										1					
<=0.25				13										14	14
0.25							14								
<=0.5					13				13						
<=1		13						8							
1									1						
<=2													14		
2								6							
4			9												
>4				1											
<=8						14									
8			5												
>8					1										
32												8			
64												6			
>64		1													
>128											14				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**
MIC	**N of resistant isolates**	**5**	**0**	**0**	**0**	**0**	**17**	**0**	**0**	**0**	**12**	**5**	**5**	**0**	**0**
<=0.015							1								
<=0.03										18					
<=0.25				18										17	18
0.25							12								
<=0.5					18				18						
0.5							5							1	
<=1		9						10							
<=2													13		
2		4						8							
<=4											1				
4			8												
<=8						18									
8			10												
16											5	4			
32												9			
>64		5											5		
>128											12				
>1024												5			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**15**	**0**	**0**	**0**	**15**	**1**	**1**	**0**	**0**
<=0.03										15					
<=0.25				15										15	14
0.25							15								
<=0.5					15				15						
<=1		14						11							
1															1
<=2													14		
2								4							
4			11												
<=8						14									
8			4												
32												13			
64												1			
>64		1											1		
128						1									
>128											15				
>1024												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**4**	**0**	**0**	**0**	**3**	**2**	**2**	**0**	**0**
<=0.03										4					
<=0.25				4										3	4
0.25							3								
<=0.5					4				4						
0.5							1							1	
<=1		2						3							
<=2													2		
2		1						1							
4			2												
<=8						3									
8			2												
16											1				
32												2			
>64		1											2		
128						1									
>128											3				
>1024												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
<=8						1									
8			1												
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							12								
<=0.03										12					
<=0.25				12										12	12
<=0.5					12				12						
<=1		12													
<=2													12		
2								12							
<=4											12				
4			10												
<=8						12						2			
8			2												
16												9			
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2													
<=2													2		
2								2							
<=4											2				
4			2												
<=8						2									
16												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2						1							
<=2													2		
2								1							
<=4											2				
4			1												
<=8						2						1			
8			1												
16												1			

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=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				
4			1												
<=8						1									
64												1			

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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
MIC	N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<=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 Livingstone in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**
MIC	**N of resistant isolates**	**2**	**0**	**1**	**1**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.015							8								
<=0.03										8					
0.064										1					
<=0.25				8										8	8
0.25							1								
<=0.5					8				8						
0.5														1	
<=1		6													
1									1						
<=2													8		
2		1						9							
<=4											8				
4			8		1										
>4				1											
<=8						9									
8			1												
32												8			
>32															1
>64		2											1		
>128											1				
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							5								
<=0.03										6					
0.03							1								
<=0.25				6										6	4
<=0.5					6				6						
0.5															2
<=1		5						5							
<=2													6		
2		1						1							
<=4											6				
4			5												
<=8						6									
8			1												
32												5			
64												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.015							12								
<=0.03										13					
<=0.25				13										13	12
0.25							1								
<=0.5					13				13						
0.5															1
<=1		13													
<=2													13		
2								13							
<=4											12				
4			2												
<=8						13									
8			11												
16												2			
32												10			
128												1			
>128											1				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
0.064										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1										
1									1						
<=2													1		
2		1						1							
<=4											1				
<=8						1									
8			1												
32												1			

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**3**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**1**
<=0.015							4								
<=0.03										5					
0.03							2								
0.064										1					
<=0.25				6										5	2
<=0.5					6				6						
0.5														1	3
<=1		1						4							
<=2													3		
2		1						2							
<=4											5				
4		1	1										1		
<=8						5									
8			5								1				
16												1			
32												2			
>32															1
64												1			
>64		3											2		
>128						1									
>1024												2			

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**1**
<=0.03										3					
0.03							2								
<=0.25				3										2	2
0.25							1								
<=0.5					3				3						
0.5														1	
<=1		1													
<=2													2		
2		1						3							
<=4											2				
4			3												
<=8						2									
8											1				
32												1			
>32															1
64												1	1		
>64		1													
128						1									
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig - carcase

Sampling Stage: Cutting plant

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	
<=0.5					1				1						
<=1		1													
1															1
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella London in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**2**
<=0.015							3								
<=0.03										5					
0.03							1								
<=0.25				5										4	2
<=0.5					5				5						
0.5							1							1	1
<=1	2														
<=2													3		
2	1							5							
<=4											4				
4		3													
<=8						4									
8		2													
16											1				
32												2			
>32															2
64						1						1			
>64	2												2		
>1024												2			

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig

Sampling Stage: Processing plant

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=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 London in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	
<=0.5					1				1						
0.5															1
<=1								1							
<=2													1		
<=4											1				
<=8						1									
8		1													
16			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2													
<=2													2		
2								2							
<=4											2				
4			1												
<=8						2									
8			1												
32												1			
64												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							5								
<=0.03										5					
0.03							1								
0.064										1					
<=0.25				6										5	5
<=0.5					5				4						
0.5														1	1
<=1		4						5							
1					1				1						
<=2													5		
2		2						1	1						
<=4											5				
4													1		
<=8						5									
8			5								1				
16			1			1									
32												5			
128												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2						2							
<=2													2		
<=4											2				
<=8						2									
8			2												
32												1			
64												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										2					
0.03							1								
<=0.25				2										2	2
<=0.5					2				2						
<=1		1						2							
<=2													2		
<=4											2				
4			1												
<=8						2									
8			1												
32												1			
64												1			
>64		1													

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
32												1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2								1							
<=4											1				
4			1												
>64		1													
128						1									
>1024												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2								1							
<=4											1				
4			1												
>64		1													
128						1									
1024												1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**
<=0.03										2					
0.03							2								
<=0.25				2										2	2
<=0.5					2				2						
<=1								2							
<=2													2		
<=4											2				
4			2												
>64		2													
128						2									
>1024												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	
<=0.5					1				1						
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
>32															1
>64		1													
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Napoli in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
<=8						1									
8			1												
32												1			

Table Antimicrobial susceptibility testing of Salmonella Napoli in Gallus gallus (fowl) - breeding flocks for broiler production line

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1										
<=1		1													
1									1						
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
<=0.03										1					
<=0.25				1											1
<=0.5					1				1						
0.5							1							1	
2								1							
4			1												
<=8						1									
8											1				
32												1			
>64		1											1		

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	10	10	10	10	10	10	10	10	10	10	10	10	10	10
MIC	N of resistant isolates	7	0	0	0	3	3	0	0	0	1	6	7	0	6
<=0.015							4								
<=0.03										9					
0.03							3								
0.064										1					
<=0.25				10										4	4
<=0.5					10				10						
0.5							3							4	
<=1	3							4							
1														2	
<=2													3		
2								6							
<=4											6				
4		6													
<=8						7						1			
8		3									1				
16		1									2				
32												3			
>32															6
64						2							2		
>64	7												5		
128						1									
>128											1				

	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	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**
MIC	**N of resistant isolates**	**7**	**0**	**0**	**0**	**3**	**3**	**0**	**0**	**0**	**1**	**6**	**7**	**0**	**6**
>1024												6			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2			1										1		
2								1							
<=4											1				
<=8						1									
16												1			

Table Antimicrobial susceptibility testing of Salmonella Not typeable in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										2					
0.03							2								
<=0.25				2										2	2
<=0.5					2				2						
<=1		2						2							
<=2													2		
<=4											2				
4			2												
<=8						2						1			
16												1			

Table Antimicrobial susceptibility testing of Salmonella Not typeable in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
0.5							1								
<=1								1							
<=2													1		
2		1													
<=8						1									
8			1												
32											1	1			

Table Antimicrobial susceptibility testing of Salmonella Not typeable in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1										
<=1		1													
1									1						
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Not typeable in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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
MIC	N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
<=0.03										1					
<=0.25				1										1	1
0.25							1								
<=0.5					1				1						
<=1		1						1							
<=2													1		
4			1												
<=8						1									
32												1			
>128											1				

Table Antimicrobial susceptibility testing of Salmonella Panama in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										3					
0.03							1								
<=0.25				3										3	3
<=0.5					3				3						
<=1		2						1							
<=2													3		
2								2							
<=4											3				
4			3												
<=8						3									
32												3			
>64		1													

Table Antimicrobial susceptibility testing of Salmonella Panama in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
MIC	**N of resistant isolates**	**6**	**0**	**0**	**0**	**4**	**2**	**0**	**1**	**0**	**2**	**6**	**7**	**0**	**5**
<=0.015							8								
<=0.03										11					
0.03							1								
<=0.25				11										4	5
0.25							2								
<=0.5					11				9						
0.5														6	1
<=1		2						9							
1									1					1	
<=2													4		
2		3						2							
<=4											9				
<=8						7									
8			11												
16												2			
32												3			
>32									1						5
64						1							1		
>64		6											6		
>128						3					2				
>1024												6			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
MIC	**N of resistant isolates**	**3**	**0**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**	**3**	**11**	**0**	**3**
<=0.015							8								
<=0.03										10					
0.03							3								
0.064										1					
<=0.25				11											4
<=0.5					11				11						
0.5														8	3
<=1								2							
1														3	1
2		8						9							
<=4											10				
4			1												
<=8						4									
8			9								1				
16			1			1						1			
32												4			
>32															3
64												3			
>64		3											11		
128						3									
>128						3									
>1024												3			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
MIC	**N of resistant isolates**	**5**	**0**	**1**	**1**	**3**	**0**	**0**	**1**	**0**	**0**	**2**	**6**	**0**	**4**
<=0.015							9								
<=0.03										10					
0.03							2								
0.064										1					
<=0.25				10										4	7
<=0.5					10				9						
0.5														6	
<=1		1						2							
1									1					1	
<=2													5		
2		5						9							
<=4											11				
>4				1											
<=8						8									
8			11												
>8					1										
32												7			
>32									1						4
64												2			
>64		5											6		
128						1									
>128						2									

	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	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
MIC	**N of resistant isolates**	**5**	**0**	**1**	**1**	**3**	**0**	**0**	**1**	**0**	**0**	**2**	**6**	**0**	**4**
>1024												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**
MIC	**N of resistant isolates**	**5**	**1**	**0**	**0**	**0**	**4**	**0**	**1**	**0**	**0**	**5**	**5**	**0**	**2**
<=0.015							3								
<=0.03										6					
0.064							1			2					
<=0.25				8										5	6
0.25							2								
<=0.5					8				7						
0.5							1							1	
<=1		3						2							
1							1							2	
<=2													3		
2								6							
<=4											3				
4			2												
<=8						6									
8			4								3				
16			1			2			1		2	3			
32			1												
>32															2
>64		5											5		
>1024												5			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**5**	**4**	**0**	**0**	**4**	**4**	**0**	**5**	**0**	**0**	**4**	**5**	**0**	**4**
<=0.015							1								
<=0.03										5					
<=0.25				5										5	1
0.25							2								
<=0.5					5										
0.5							2								
<=1								2							
2								3							
<=4											1				
<=8						1									
8			1												
16									1		4				
32			1						4			1			
>32															4
>64		5	3										5		
>128						4									
>1024												4			

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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**3**
<=0.03										5					
0.03							2								
<=0.25				5										5	2
<=0.5					5				5						
0.5							2								
<=1		4						1							
1							1								
<=2													5		
2		1						4							
<=4											2				
4			5												
<=8						5									
16											3				
32												2			
>32															3
>1024												3			

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

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**0**	**6**	**0**	**0**	**0**	**1**	**6**	**0**	**0**	**6**
<=0.03										4					
0.064										2					
<=0.25				6										3	
<=0.5					5				6						
0.5							4							3	
<=1		5						5							
1					1		2								
<=2													4		
2								1							
4		1	4										2		
<=8						4									
16			1			2					5				
32			1												1
>32															5
64											1				
>1024												6			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	
<=0.5					2				2						
0.5															2
<=1		2						1							
<=2													2		
2								1							
<=4											2				
4			2												
<=8						2									
32												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2						2							
<=2													2		
<=4											2				
4			2												
<=8						2									
32												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.03										1					
0.064							1			1					
<=0.25				2										1	1
<=0.5					1				2						
0.5							1							1	
<=1		1						2							
1					1										1
<=2													1		
2		1													
4			1										1		
<=8						2									
8			1								1				
16												1			
32											1				
64												1			

Table Antimicrobial susceptibility testing of Salmonella Sinstorf in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Soerenga in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1								1							
<=2													1		
2		1													
<=4											1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1								1							
<=2													1		
2		1													
<=4											1				
4			1												
<=8						1						1			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	
<=0.5					1				1						
0.5															1
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			

Table Antimicrobial susceptibility testing of Salmonella Takoradi in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
64												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
4			1												
<=8						1									
64												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
0.5							1								
<=1		1						1							
<=2													1		
4			1												
<=8						1									
16											1				
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
MIC	**N of resistant isolates**	**1**	**1**	**0**	**0**	**1**	**4**	**0**	**1**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.015							5								
<=0.03										9					
0.03							2								
0.064										2					
<=0.25				11										8	8
0.25							2								
<=0.5					11				10						
0.5							1							3	2
<=1		8						4							
1							1								
<=2													9		
2		2						7							
<=4											6				
4													1		
<=8						9									
8			8								2				
16			2			1			1		2	1			
32											1	7			
>32															1
64												1			
>64		1	1										1		
128												1			

	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	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**	**11**
MIC	**N of resistant isolates**	**1**	**1**	**0**	**0**	**1**	**4**	**0**	**1**	**0**	**1**	**1**	**1**	**0**	**1**
>128						1									
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1		1						1							
<=2													1		
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										2					
<=0.25				2										1	2
<=0.5					2				2						
0.5							1							1	
<=1		1						2							
<=2													2		
2		1													
<=4											1				
<=8						2									
8			2												
16											1				
32												2			

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**1**
<=0.03										1					
<=0.25				1										1	
<=0.5					1				1						
0.5							1								
<=1		1													
2								1							
4			1										1		
<=8						1									
>32															1
>128											1				
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**4**	**1**	**0**	**0**	**3**	**1**	**0**	**0**	**0**	**1**	**4**	**5**	**0**	**0**
<=0.015							1								
<=0.03										5					
0.03							2								
0.064							1								
<=0.25				5										3	5
0.25							1								
<=0.5					5				5						
0.5														2	
<=1								2							
2		1						3							
<=4											4				
4			2												
<=8						2									
8			2												
32			1									1			
>64		4											5		
>128						3					1				
>1024												4			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			
>32															1

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**5**	**0**	**0**	**0**	**1**	**2**	**0**	**1**	**0**	**2**	**4**	**5**	**1**	**3**
<=0.015							3								
<=0.03										4					
0.064										1					
<=0.25				4										1	2
<=0.5					4				4						
0.5				1			1							2	
<=1								1							
1					1		1							1	
2								4						1	
<=4											3				
4			4												
<=8						4									
8			1												
32											1	1	1		
>32									1						3
>64		5											4		
>128						1					1				
>1024												4			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**1**	**2**	**2**	**1**	**0**
<=0.015							1								
<=0.03										2					
<=0.25				2											1
<=0.5					2				2						
0.5							1							1	
1															1
2		1						2						1	
<=4											1				
4			1												
<=8						1									
16			1												
64													1		
>64		1											1		
>128						1					1				
>1024												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**
<=0.015							2								
<=0.03										2					
<=0.25				2										1	1
<=0.5					2				2						
0.5														1	
<=1		1						1							
<=2													1		
2								1							
<=4											2				
4			2												
<=8						2									
16												1			
32												1			
>32															1
>64		1											1		

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.03										1					
<=0.25				1											1
<=0.5					1				1						
0.5							1							1	
<=1								1							
4			1												
<=8						1									
16											1				
64													1		
>64		1													
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**
MIC	**N of resistant isolates**	**26**	**0**	**1**	**1**	**4**	**1**	**0**	**3**	**0**	**0**	**22**	**26**	**0**	**4**
<=0.015							10								
<=0.03										22					
0.03							11								
0.064							4			4					
0.12							1								
<=0.25				22										15	20
<=0.5					24				22						
0.5				3										10	2
<=1								1							
1					1				1					1	
2								25							
<=4											22				
4			20												
>4				1											
<=8						21									
8			4								3				1
>8					1										
16			2			1					1				
32						1						3			
>32									3						3
64		2										1	2		
>64		24											24		

	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	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**
MIC	**N of resistant isolates**	**26**	**0**	**1**	**1**	**4**	**1**	**0**	**3**	**0**	**0**	**22**	**26**	**0**	**4**
>128						3									
512												1			
1024												1			
>1024												20			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**
MIC	**N of resistant isolates**	**26**	**0**	**1**	**1**	**13**	**3**	**0**	**4**	**0**	**3**	**26**	**30**	**0**	**3**
<=0.015							8								
<=0.03										28					
0.03							17								
0.064							3			3					
<=0.25				29										11	25
0.25							1								
<=0.5					29				23						
0.5				1										18	3
<=1	4							1							
1					1				4					2	
<=2		1											1		
2	1						2	30							
<=4											24				
4		16		1											
>4			1												
<=8						15									
8		11									3				
16		3				3			1		1	1			
32									2		2	1			
>32									1						3
64												3			
>64	26												30		

	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	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**
MIC	**N of resistant isolates**	**26**	**0**	**1**	**1**	**13**	**3**	**0**	**4**	**0**	**3**	**26**	**30**	**0**	**3**
128											1				
>128						13									
>1024												26			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**
MIC	**N of resistant isolates**	**9**	**0**	**0**	**0**	**6**	**2**	**0**	**5**	**0**	**1**	**7**	**9**	**0**	**2**
<=0.015							3								
<=0.03										9					
0.03							3								
0.064							1								
<=0.25				9										6	7
0.25							1								
<=0.5					9				4						
0.5							1							2	
1														1	
2								9							
<=4											5				
4			7												
<=8						3									
8			1								2				
16			1								1	1			
32												1	1		
>32									5						2
>64		9											8		
128						1									
>128						5					1				
>1024												7			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**
MIC	**N of resistant isolates**	**28**	**0**	**3**	**3**	**11**	**3**	**0**	**8**	**0**	**1**	**27**	**26**	**0**	**7**
<=0.015							16								
<=0.03										26					
0.03							10								
0.064							2			5					
<=0.25				28										20	22
<=0.5					27				23						
0.5							3							7	2
<=1								4							
1					1									4	
<=2													3		
2		3						27							
<=4											23				
4			23										1		
>4				3											
<=8						20									
8			8								6		1		
>8					3										
16									2		1				
32									4		1	3			
>32									2						7
64												1	1		
>64		28											25		

	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	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**	**31**
MIC	**N of resistant isolates**	**28**	**0**	**3**	**3**	**11**	**3**	**0**	**8**	**0**	**1**	**27**	**26**	**0**	**7**
>128						11									
>1024												27			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Processing plant

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
0.03							1								
0.064										1					
<=0.25				1										1	1
<=0.5					1				1						
2								1							
<=4											1				
4			1												
<=8						1									
>64		1											1		
>1024												1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Gallus gallus (fowl) - breeding flocks for broiler production line

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2													
<=2													2		
2								2							
<=4											2				
4			2												
<=8						2									
32												2			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**
<=0.03										1					
0.03							2								
0.064										1					
<=0.25				2										2	2
<=0.5					2				2						
2								2							
<=4											2				
4			2												
<=8						2									
32												2			
>64		2											2		

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
2								1							
<=4											1				
4			1												
<=8						1									
>64		1											1		
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - air

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
0.5							1								
2								1							
<=8						1									
16			1												
>64	1												1		
>128											1				
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1										
2								1							
<=4											1				
4			1												
>32									1						
>64		1											1		
>128						1									
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**0**
<=0.03										2					
0.064							2								
<=0.25				1											2
<=0.5					2				2						
0.5				1										2	
<=1								1							
2								1							
<=8						2									
8			2								2				
>64		2											2		
>1024												2			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Pigs

Sampling Stage: Slaughterhouse

Sampling Type: environmental sample - fabric swab

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1											
<=0.5					1				1						
0.5														1	1
2		1						1							
<=4											1				
4			1												
<=8						1									
64												1			
>64													1		

Table Antimicrobial susceptibility testing of Salmonella Veneziana in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
<=8						1									
8			1												
32												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official and industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		2						1							
<=2													2		
2								1							
<=4											2				
4			1												
<=8						2						1			
8			1												
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
0.064										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Italy

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**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5					1				1						
<=1		1													
<=2													1		
2								1							
<=4											1				
4			1												
<=8						1									
16												1			

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
N of tested isolates	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**
MIC **N of resistant isolates**	**16**	**16**	**1**	**1**	**15**	**1**	**0**	**0**	**0**	**0**
<=0.015							11			
<=0.03									16	
0.03							5			
<=0.064			15							
<=0.12						8		6		
0.25	1					7		10		
0.5					1					
1	1				5					
2	2	1		1	1					
4	6			12	2					8
8	6		1	2	5	1				7

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**
MIC	**N of resistant isolates**	**16**	**16**	**1**	**1**	**15**	**1**	**0**	**0**	**0**	**0**
16			3			1					1
32			6			1					
64			3								
>64			3		1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - 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: Italy

Sampling Details:

	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	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**
MIC	**N of resistant isolates**	**16**	**2**	**16**	**15**	**6**	**10**	**0**	**3**	**0**	**4**	**15**	**14**	**0**	**15**
<=0.015							6								
<=0.03										16					
0.12							1								
<=0.25														15	
0.25							6								
<=0.5					1				6						
0.5							1							1	1
<=1								15							
1					5				7						
<=2			2										2		
2				1			1	1							
<=4											9				
4			10		3										
>4				15											
<=8						10									
8			1		3						2				
>8					4		1								
16			1								1				
32												1	1		
>32									3						15
64		1	1			1							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	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**
MIC	**N of resistant isolates**	**16**	**2**	**16**	**15**	**6**	**10**	**0**	**3**	**0**	**4**	**15**	**14**	**0**	**15**
>64		15	1										8		
128											3				
>128						5					1				
>1024												15			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

Sampling Details:

	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	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**
MIC	**N of resistant isolates**	**62**	**4**	**3**	**3**	**28**	**34**	**7**	**19**	**0**	**23**	**61**	**78**	**0**	**48**
<=0.015							98								
<=0.03										148					
0.03							16								
0.064							4			4					
0.12							8								
<=0.25				149										142	57
0.25							12								
<=0.5					149				106						
0.5							2							10	37
<=1								144							
1				1	2		6		22						6
<=2			20										64		
2		13						1	5						4
<=4											123				
4		63	80	1	1			4	1				7		4
>4				1											
<=8						121						68			
8		14	41				2	2			2		3		
>8							4								
16		4	7			3			6		4	16	7		
>16								1							

	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	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**	**152**
MIC	**N of resistant isolates**	**62**	**4**	**3**	**3**	**28**	**34**	**7**	**19**	**0**	**23**	**61**	**78**	**0**	**48**
32		3	2			5			6		3	6	10		2
>32									6						42
64		3	2			3					3	1	28		
>64		52											33		
128						9					4	3			
>128						11					13				
512												2			
1024												1			
>1024												55			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
MIC	**N of resistant isolates**	**7**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**
<=0.015								4			
<=0.03										7	
0.03								3			
<=0.064				6							
<=0.12							5				
0.12				1							
0.25							1		7		
0.5							1				
1						3					
2					1	2					
4		4			4						4
8		2	1		2	1					3
16		1				1					
32			3								

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
MIC	**N of resistant isolates**	**7**	**7**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**
64			2								
>64			1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - veal calves

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: Italy

Sampling Details:

	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	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**
MIC	**N of resistant isolates**	**108**	**5**	**7**	**7**	**61**	**78**	**3**	**34**	**0**	**37**	**120**	**135**	**0**	**110**
<=0.015							87								
<=0.03										169					
0.03							3								
0.064							1								
0.12							8								
<=0.25				162										164	51
0.25							41								
<=0.5					162				124						
0.5							12							5	8
<=1	4							163							
1					3		1		9						
<=2		28											30		
2	21				2			3	2						
<=4											108				
4	35	94					2	3					2		
>4			7												
<=8						107						47			
8	1	39		2		2		2		20			2		
>8							12								
16		3			1				13		4	2			
32		2			6				8		2		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	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**
MIC	**N of resistant isolates**	**108**	**5**	**7**	**7**	**61**	**78**	**3**	**34**	**0**	**37**	**120**	**135**	**0**	**110**
>32									11						110
64		2	1			9					6		50		
>64		106	2										83		
128						18					10				
>128						28					19				
>1024												120			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - veal calves

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: Italy

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
N of tested isolates	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**
N of resistant isolates	**265**	**268**	**6**	**6**	**258**	**6**	**0**	**0**	**0**	**0**
MIC										
<=0.015							194			
<=0.03									262	
0.03							65			
<=0.064			216							
0.064							9		6	
<=0.12						116		131		
0.12	3		45							
<=0.25					2					
0.25	3		1			136		135		
<=0.5				1						
0.5	8		2		8	10		2		
1	14	1	1	1	48	1				
2	23	7	2	25	70	1				7
4	91	7		170	42	4				110

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**
MIC	**N of resistant isolates**	**265**	**268**	**6**	**6**	**258**	**6**	**0**	**0**	**0**	**0**
8		86	7	1	65	59					125
16		33	47		3	32					25
32		6	57		1	7					1
>32		1									
64			74		2						
>64			68								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - veal calves

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: Italy

Sampling Details:

	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	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**
MIC	**N of resistant isolates**	**268**	**11**	**268**	**258**	**124**	**214**	**4**	**82**	**0**	**59**	**239**	**252**	**0**	**228**
<=0.015							52								
<=0.03										268					
0.03							1								
0.064							1								
0.12							8								
<=0.25														258	30
0.25							93								
<=0.5					10				113						
0.5							65							9	10
<=1								260							
1				1	62		7		69					1	
<=2			27										15		
2				8	54		4	4	4						
<=4											115				
4			150	5	45			3	2				1		
>4				254											
<=8						130						13			
8			68		59		10	1	2		84				1
>8					38		27								
16			12			14			12		10	11	1		
32			7			9			29		3	4	11		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	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**	**268**
MIC	**N of resistant isolates**	**268**	**11**	**268**	**258**	**124**	**214**	**4**	**82**	**0**	**59**	**239**	**252**	**0**	**228**
>32									37						225
64		3	3			14					6	1	96		
>64		265	1										144		
128						36					7				
>128						65					43				
256												1			
1024												2			
>1024												236			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

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: Italy

Sampling Details:

	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	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**
MIC	**N of resistant isolates**	**121**	**2**	**1**	**1**	**77**	**41**	**1**	**19**	**0**	**21**	**116**	**126**	**0**	**100**
<=0.015							121								
<=0.03										169					
0.03							4								
0.064							3								
0.12							8								
<=0.25				168										169	51
0.25							23								
<=0.5					168				122						
0.5							5								14
<=1		4						167							
1				1					23						2
<=2			42										38		
2		14					1	1	5						2
<=4											134				
4		28	102		1				2				2		1
<=8						86						44			
8		2	17				2	1	7		10		3		1
>8							2								
16		1	6			6			5		4	8	2		
32		1	1			15			1		3	1	4		3
>32									4						95

	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	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**
MIC	**N of resistant isolates**	**121**	**2**	**1**	**1**	**77**	**41**	**1**	**19**	**0**	**21**	**116**	**126**	**0**	**100**
64		3	1			10					1		27		
>64		116											93		
128						18					8	1			
>128						34					9				
256												1			
>1024												114			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: CARBA MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: CARBA MON

Analytical Method:

Country of Origin: Italy

Sampling Details:

	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	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**1**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**1**
<=0.015							1								
<=0.25														1	
<=1								1							
1									1						
<=2													1		
<=4											1				
4			1												
>4				1											
<=8						1									
>8					1										
>16										1					
>32															1
>64		1													
>1024												1			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

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: Italy

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
N of tested isolates	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**
MIC **N of resistant isolates**	**241**	**266**	**46**	**40**	**260**	**46**	**0**	**0**	**0**	**0**
<=0.015							174			
<=0.03									258	
0.03							82			
<=0.064	6		183							
0.064							10		7	
<=0.12						89		100		
0.12	19		35						1	
0.25	9		2			116		156		
0.5	10		1		6	15		10		
1	6	3	17		35	1				
2	25	25	12	28	80	12				4
4	83	7	3	151	52	18				92
8	68	17	11	47	47	10				144
16	28	34	2	8	29	4				25

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**
MIC	**N of resistant isolates**	**241**	**266**	**46**	**40**	**260**	**46**	**0**	**0**	**0**	**0**
32		7	65		11	15	1				1
>32		5									
64			52		15	1					
>64			63		6						
128						1					

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

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: Italy

Sampling Details:

	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	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**
MIC	**N of resistant isolates**	**266**	**33**	**266**	**259**	**123**	**170**	**0**	**83**	**0**	**85**	**198**	**210**	**1**	**161**
<=0.015							92								
<=0.03										262					
0.03							3								
0.064							1			3					
0.12							12			1					
<=0.25														254	87
0.25							74								
<=0.5					7				127						
0.5							30							11	15
<=1								263							
1				5	55		4		50						1
<=2			32										55		
2				28	68		5	3	6						2
<=4											129				
4			151	10	47		1		1				1	1	
>4				223											
<=8						135						42			
8			30		46		15		4		39				
>8					43		29								
16			20			8			15		13	21	2		
32			7			16			24		8	3	22		

	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	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**	**266**
MIC	**N of resistant isolates**	**266**	**33**	**266**	**259**	**123**	**170**	**0**	**83**	**0**	**85**	**198**	**210**	**1**	**161**
>32									39						161
64		5	9			15					6	2	91		
>64		261	17										95		
128						37					15				
>128						55					56				
1024												3			
>1024												195			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Not Available	Not Available	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	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	32
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	128
	N of tested isolates	34	34	34	34	34	34	34	34	34	34
MIC	N of resistant isolates	31	34	4	4	30	4	0	0	0	0
<=0.015								25			
<=0.03										33	
0.03								8			
<=0.064				25							
0.064								1		1	
<=0.12							13		13		
0.12		3		5							
<=0.25						1					
0.25		1					17		20		
<=0.5					1						
0.5		2				3			1		
1						4					1
2		7	2	2	1	6					1
4		8	2		23	3	1				18

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**
MIC	**N of resistant isolates**	**31**	**34**	**4**	**4**	**30**	**4**	**0**	**0**	**0**	**0**
8		9	7	1	5	9	3				13
16		3	3	1		8					1
32		1	7		1						
64			5		2						
>64			8		1						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - 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: Italy

Sampling Details:

	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	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**
MIC	**N of resistant isolates**	**34**	**5**	**34**	**30**	**17**	**18**	**3**	**8**	**0**	**8**	**24**	**22**	**0**	**18**
<=0.015							15								
<=0.03										32					
0.03							1								
0.064										2					
0.12							1								
<=0.25														32	12
0.25							7								
<=0.5					4				17						
0.5							5							2	4
<=1								30							
1					7				7						
<=2			7										11		
2				3	5		2	1	2						
<=4											19				
4			14	1	2			1							
>4				30											
<=8						17						7			
8			6		8			2	1		5		1		
>8					8		3								
16			2						2		2	1			
32						3			2			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	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**
MIC	**N of resistant isolates**	**34**	**5**	**34**	**30**	**17**	**18**	**3**	**8**	**0**	**8**	**24**	**22**	**0**	**18**
>32									3						18
64			3			2					1		14		
>64		34	2										8		
128						4					3				
>128						8					4				
512												1			
>1024												23			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method:

Country of Origin: Italy

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
MIC **N of resistant isolates**	**6**	**7**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**
<=0.015							7			
<=0.03									7	
<=0.064	1		5							
<=0.12						4		1		
0.12			2							
<=0.25					1					
0.25	1					3		4		
0.5	1	1						2		
1		1			2					
2	1			2	1					
4	2	1		4						7
8	1			1	1					
16					2					
32		3								

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**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**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
MIC	**N of resistant isolates**	**6**	**7**	**0**	**0**	**6**	**0**	**0**	**0**	**0**	**0**
>64			1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

Sampling Details:

	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	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**
MIC	**N of resistant isolates**	**95**	**3**	**7**	**6**	**66**	**55**	**1**	**18**	**0**	**34**	**95**	**106**	**0**	**80**
<=0.015							101								
<=0.03										169					
0.03							10								
0.064							4			1					
0.12							4								
<=0.25				163										166	62
0.25							25								
<=0.5					164				134						
0.5				1			12							4	14
<=1		6						168							
1				1	2		2		17						9
<=2			21										60		
2		21		1	1		2	1	1						5
<=4											120				
4		41	109		1				1				3		
>4				4											
<=8						100						68			
8		7	32				5	1			10		1		1
>8					2		5								
16			5			4			5		6	5	1		
32		2	3			12			10			1	10		5

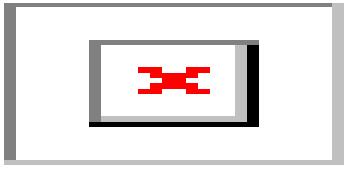
	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest 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	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**
MIC	**N of resistant isolates**	**95**	**3**	**7**	**6**	**66**	**55**	**1**	**18**	**0**	**34**	**95**	**106**	**0**	**80**
>32									2						74
64		4				12						1	45		
>64		89											50		
128						23					15				
>128						19					19				
256												1			
512												1			
1024												1			
>1024												92			

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	01-Mar-2021
Animal Population	29-Jul-2020
Disease Status	29-Jul-2020
Food Borne Outbreaks	29-Jul-2020
Prevalence	19-Jan-2021

Institutions and Laboratories involved in zoonoses monitoring and reporting

IZSAM is National Reference Centre for Brucellosis (CRNB) from 1999.

The National Reference Centre is in charge of:

- Confirming the diagnosis of brucellosis performer by other laboratories, if any;
- Standardizing the analysis methods;
- Organizing appropriate "ring test" among Institutes;
- Cooperating with other Community or Third Parties Reference Centres;
- Providing specialized information and assistance to the Ministry of Health;
- Organizing training courses for the personnel working in other veterinary epidemiology centres;
- Informing other veterinary epidemiology centres and research centres on the news in their sector;
- Preparing action plans;
- Using and spreading official analysis methods;
- Producing, procuring, holding and distributing to other veterinary epidemiology centres or other research centres the reference reagents, such as antigens, antibodies and antiserums.

The quality of the results of lab analysis is ensured by the validation of the tests by ACCREDIA, in compliance with ISO/IEC 17025 standard, the use of validated t\est methods acknowledged on the international level and by the periodic participation into inter-laboratory test circuits.

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

General evaluation*: Brucella abortus

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

Brucella abortus has been eradicated from most part of the Italian territory. Considering 19 Regions and 2 Autonomous provinces, 14 of them and 3 Province of the Region Abruzzo, Molise and Puglia have been declared Officially B. abortus - Free according to EU legislation.

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

In the year 2019, the prevalence recorded for the disease in Italy, calculated on all the herds present in the national territory, has been 0,42% while in the territories still not declared as O.F. (3 provinces of region Abruzzo, 5 provinces of region Puglia, 1 province of region Molise and the regions Campania, Calabria, Basilicata and Sicily) the prevalence recorded has been 1,3%, with an incidence of 1,1%.

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

In general, for year 2019, B. Brucellosis was been registered similar respect the 2018. In regions not OBF we haven't registered progress in the eradication plans.

4. Additional information

-

* **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*: Brucella abortus.

1. Monitoring/Surveillance/Control programmes system[(a)]

The planned and achievable objective for 2019, was for other Italian provinces and regions to acquire (or retain) the requirements to qualify for the officially disease-free status (or disease-free status where vaccination is applied) as regards brucellosis in bovine and buffalo.
The programme for the eradication of B. abortus is annual and covers the following objectives:
- to continue with animal health measures and measures to prevent brucellosis in bovine and buffalo;
- to intensify disease eradication in infected holdings so that they can be declared officially brucellosis-free or, for holdings where vaccination has been applied, brucellosis-free;
- to retain the officially disease-free status (or disease-free status where vaccination has been applied) for holdings that have already achieved this qualification.

2. Measures in place[(b)]

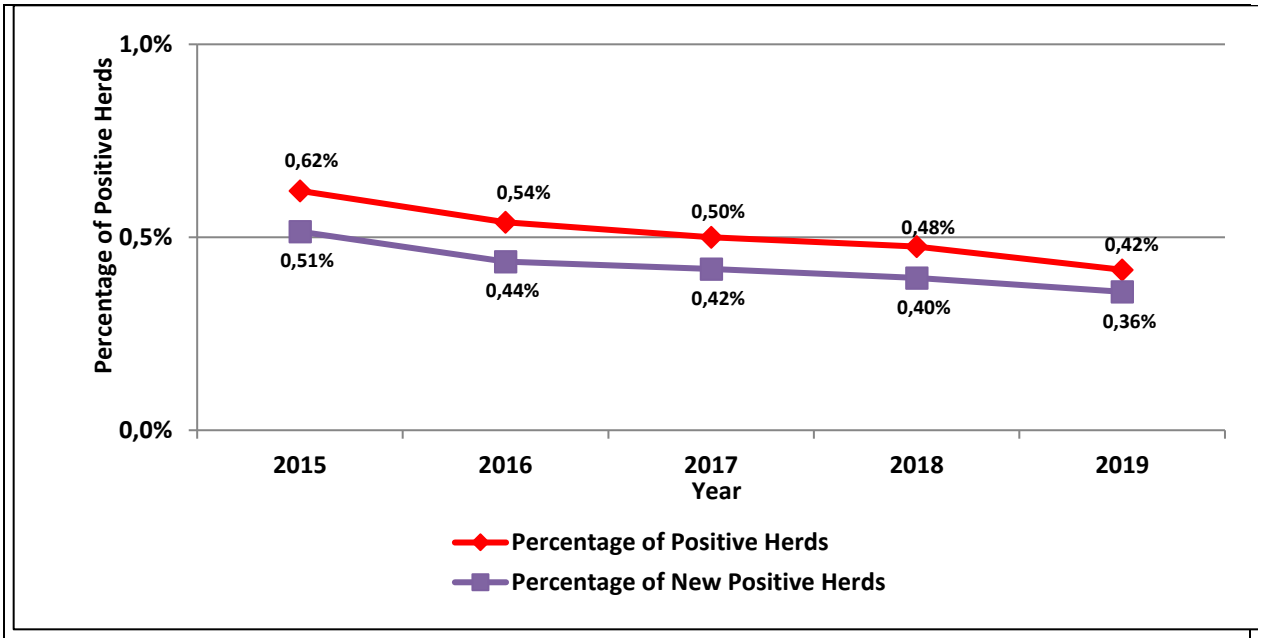
The measures included in the Ordinance are the following:
1) Responsibility of the Chief of local Veterinary service on the control of 100% of the herds (RBT and CFT to confirm the positives);
2) Registration of pastures;
3) Controls of Dealers;
4) Control of fattening herds;
5) Controls on animals before and after movimentation;
6) Electronic identifications of animals of the outbreak (rumen bolus);
7) Electronic identifications of animals subjected to movimentation;
8) Capture and control of animals at pasture that have no owner or that have an owner that does not assure capture and the restraint of animals;
9) Guidelines for stamping-out;
10) Compulsory use of the data base, SANAN and SIMAN;
11) Sanctions and withdrawal of the status of OTF of the herds in case of fraud;
12) Control of the efficacy and efficiency by local and regional veterinary service.

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

To improve the supervision of the eradication plans the Ministry of Health organized a Workshop on the national database started in September 2017 and that finished in November 2018.
Through specific Working Groups the Workshop has the aim to renew the databases: SANAN, SISALM, BDN for ASF, the Electronic Veterinary Recipe and build of a DASHBOARD to control the eradication plans activities.
The Working groups has started the activities at January 2018.

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

The trends of cattle brucellosis prevalence and incidence in non-OBF territories are clearly declining during the last decade. The absolute number of positive cattle herds has decreased in the last decade, however, an increase has been mainly recorded due to the high number of outbreaks recorded in Sicily, particularly in the Messina and Ragusa provinces. The Sicilian provinces are still the ones reporting the higher prevalence and incidence at national level.



5. Additional information

-

*** 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*: Brucella melitensis

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

Brucella melitensis has been eradicated from most part of Italian territory. Out of 19 Regions and 2 Autonomous provinces, 15 of them and 2 Province of the Region Abruzzo and Puglia have been declared Officially B. melitensis - Free according to EU legislation (ANNEX).

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

In year 2019, the prevalence recorded for the disease in Italy, calculated on all the herds under control present in the national territory, has been 0,19%, while in the territories still not declared as O.F. the prevalence recorded has been 0,6%, with an incidence of 0,5%, reduced respect at the prevalence and incidence recorded in the 2018: respectively 0,9% and 0,7%
The higher prevalence in Italy is reported from Sicily region, with the Provinces of Messina recording the highest value amongst all provinces.
We haven't data from human brucellosis, but we retain that the maximum risk is present where the animal brucellosis is still present, considering the transmission route of bacteria.

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

The prevalence and incidence registered in 2019 are lower (0.6% - 0,5%) than the results obtained in 2018 (0,9% - 0,7%). The target fixed in the WORKING DOCUMENT SANCO/10181/2014 Rev6 Guidelines for the Union co-funded programmes of eradication, control and surveillance of animal diseases and zoonosis for the years 2015-2017, for the entire nation is: IT: 50% of 1,22 = 0,61. The prevalence recorded for the disease in Italy in 2019 calculated on all the herds under control, has been 0,199%.
The more problematic region, despite the positive improvement, remains the Sicily that records maximum of prevalence, with the Province of Messina that record the maximum rate of prevalence of the region.

4. Additional information

-

Description of Monitoring/Surveillance/Control programmes system*: Brucella melitensis

1. Monitoring/Surveillance/Control programmes system[(a)]

The planned and achievable objective for 2019 was for other Italian provinces and regions to meet (or retain) the requirements to qualify for the officially disease-free status (or disease-free status where vaccination is applied) as regards brucellosis in sheep and goats.
The programme for the eradication of B. melitensis is annual and covers the following objectives:
- to continue with animal health measures and measures to prevent brucellosis in sheep and goats;
- to intensify disease eradication in infected holdings so that they can be declared officially brucellosis-free;
- to retain the officially disease-free status for holdings that have already achieved this qualification.

2. Measures in place[(b)]

To give to the local veterinary services the instruments to speed up the process of eradication especially in those regions that are proceeding slowly, the Ministry of Health on May 2015 has emanated a Ministerial Ordinance, in force until June 2020 and applied in all not OTbF territories, improving in this way, an uniform eradication of the disease in Italy, that provided in summary the following measures (ANNEX):
1) Responsibility of the Chief of local Veterinary service on the control of 100% of the herds;
2) Registration of pastures;
3) Controls of Dealers;

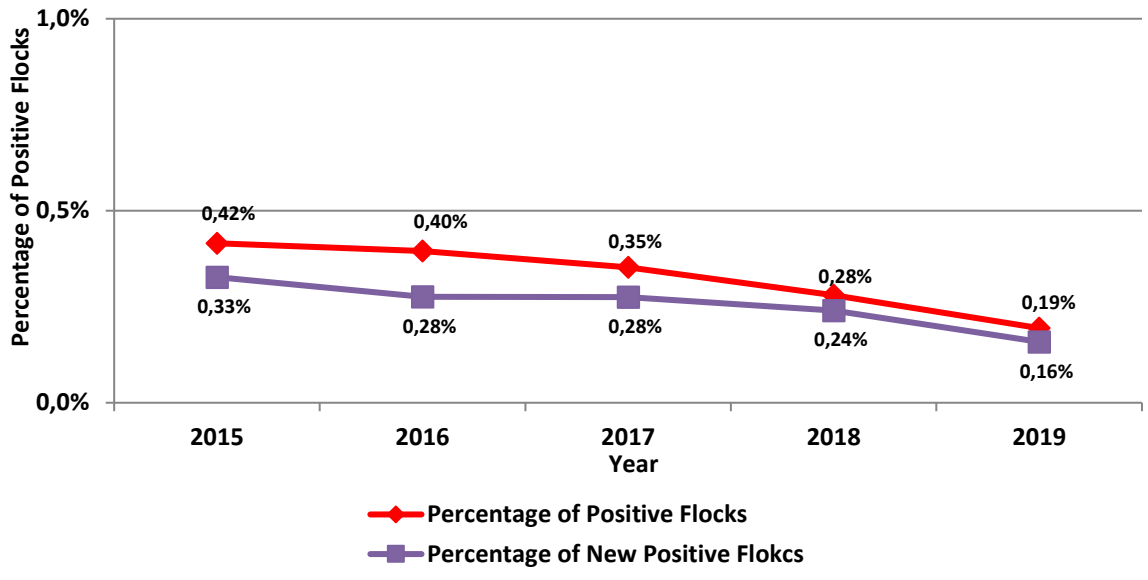
4) Control of fattening herds;
5) Controls on animals before and after movimentation;
6) Electronic identifications of animals of the outbreak (rumen bolus);
7) Electronic identifications of animals subjected to movimentation;
8) Capture and control of animals at pasture that have no owner or that have an owner that does not assure capture and the restraint of animals;
9) Guidelines for stamping-out;
10) Compulsory use of the data base, SANAN and SIMAN;
11) Sanctions and withdrawal of the status of OTF of the herds in case of fraud;
12) Control of the efficacy and efficiency by local and regional veterinary service.

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

To improve the supervision of the eradication plans the Ministry of Health organized a Workshop on the national database started in September 2017 and that completed in November 2018.
Through specific Working Groups the Workshop has the aim to renew the databases: SANAN, SIMAN, BDN for ASF, the Electronic Veterinary Recipe and build of a DASHBOARD to control the eradication plans activities.
The Working groups has started the activities at January 2018, completed in November 2018.

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

The trends of sheep and goats brucellosis prevalence and incidence in B. melitensis OBF territories are clearly declining during the last five years. The Sicilian provinces are still the ones reporting the higher prevalence and incidence at national level.



5. Additional information

-

*** 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*: Coxiella burnetii

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

Q-fever is a zoonosis caused by a Gram negative bacteria, named Coxiella burnetii. Multiple host can serve as reservoir of infection. The most commonly sources of infection for human are farm animals, like cattle, sheep and goats; they shed bacteria in urine, faeces, milk and placental fluids, but ticks are considered to be the natural primary reservoirs of C. burnetii. Infection occurs by inhalation of organisms or ingestion of raw milk from animals to humans. C. burnetii can cause abortion in sheep and goats, but is unapparent in cattle.

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

In Italy the disease is still present in many regions. There is no specific monitoring plan, but the etiological agent is identified from aborted samples as a differential diagnosis with other agents. The disease has been a notifiable as prescribed by rule.

In the year 2019, clinical investigations were performed in the national territory, and some sheep and bovine were found positives by ELISA, CFT and PCR, in particular in Sicily.

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

We suggest to define the protocols to be follow during the investigations of abortion to check the responsible agent, including also the research of C. burnetii by PCR, and prevent quickly possible contaminations for the human. Also to be studied the role of ticks for transmission the disease to the human.

4. Additional information

-

* **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

Official laboratories belonging to the net of Experimental Zooprophylactics Institute in Italy are involved in performing analysis of Campylobacter spp. detection in food intended for human consumption, animal and animal feed. These laboratories are involved in both Official and HACCP controls. All the information at laboratory results, metadata and epidemiological data collected by the informatics system are send to SINZOO, the informatics national collector. Private laboratory are involved only in HACCP control but the data are not collected by SINZOO.

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

General evaluation: Campylobacter spp

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

The Campylobacter contamination prevalence in foods of animal origin it is unknown on national level, There aren't any monitoring plan in place.

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

-

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

It is suggested to promote a monitoring plan and risk factors courses associated to campylobacter infection for veterinarians and farmers.

4. Additional information

-

*** 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 spp. in animal

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy there are no ongoing Campylobacter control program in place.
Sampling strategies, type of samples and frequency ,analytical methods are not harmonized at national level, usually samples are tested by microbiological methods (ISO 10272-1/2:2017) or PCR or both.

2. Measures in place[(b)]

Not in place

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

In case of positivity of the sample, the measures are managed by the Competent Autority .

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

In Italy, an evaluation of epidemiological situation related to animal samples for Campylobacter research cannot be made because no national control plan are in place.
In 2019 a total of 1865 animal samples were tested for Campylobacter spp.(decreasing number respect previous years).155 samples were contaminated (8.31%).
The samples were taken in 12 Italian regions. The most part of the samples were collected during clinical investigations (1171) or by Competent Authority during Official Control (371); the others were collected in the context of research projects.
A wide range of the samples were collected from wildlife (673), bovine (285),ovine (298) and pets and chicken, with less frequency.
The most contaminate samples were: ovine (73/298), wildlife (73/673), pets (13/122), bovine (13/85).

The most frequent Campylobacter species were C. jejuni (65),C. coli (7), C. upsaliensis (1), C .lari (1) C. hyointestinalis (1); the others strains have not been typed but indicated how Campylobacter spp.

5. Additional information

-

*** 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: Campylobacter spp.
1. History of the disease and/or infection in the country[(a)]
Prevalence and level of contamination of Campylobacter in chicken carcasses and faeces at slaughter was carried out in 2008 (according the European Union,516/2007/EC) and in 2016 (Italian National plan). In 2017-2020 there are never been any monitoring plan.
2. Evaluation of status, trends and relevance as a source for humans
-
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
It is suggested to promote a monitoring plan and risk factors courses associated to campylobacter infection for veterinarians and farmers.
4. Additional information

* **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 spp. in food

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy there are no Campylobacter control program in place.
Sampling strategies, type of samples and frequency and analytical methods are not harmonized at national level, usually samples are tested by microbiological methods (ISO 10272-1/2:2017) or PCR or both.

2. Measures in place[(b)]

The control program/strategies are not in place

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

In case of positivity of the sample, the measures are managed by the competent authority in collaboration with the food business operator.

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

In Italy, an evaluation of epidemiological situation related to food samples cannot be made since no national control plan are in place.
In 2019 a total of 1673 samples of food intended for human consumption were tested for Campylobacter spp.(similar number to previous years).44 samples were contaminated by Campylobacter spp. (2.63%).The samples were collected in 10 Italian regions.
The most part of the samples were collected by Competent Authority for Official Control (1182); 315 samples were collected in the context of research projects and 176 samples during HACCP activities.
As regards the point of sampling, most part of them were collected at retail stored (922), processing plant (590), canteen (105), restaurant/bar/ pizzeria the others.

A wide range of samples were collected: milk and milk products, meat and meat products, fish and fish product and others /eggs, vegetables, with less frequency.
Regarding the type of food, mainly milk (raw milk) and milk products (930) were sampled, with a low percentage of contamination only in raw milk (0.25%). 193 samples of meat and meat products were collected (beef, chicken, turkey, pig), with a percentage of contamination of 17.09% (33/193).
When the species were reported, chicken meat was the most contaminated.
The most frequent Campylobacter species were C.jejuni and C.coli, but over 75% of Campylobacter strains have not been typed.

5. Additional information

-

*** 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: Yersinia enterocolitica in animal
1. History of the disease and/or infection in the country[(a)]
In Italy monitoring plans have never been conducted to study the prevalence of infection of Yersinia enterocolitica in animals. The few existing data are not comparable because sampling strategies, type of the samples,and analytical methods are not harmonized.
2. Evaluation of status, trends and relevance as a source for humans
-
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
It is suggested to promote a monitoring plan
4. Additional information
-

* **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*: Yersinia enterocolitica in animal

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy there are no Y.enterocolitica control program in place.
Sampling strategies, type of samples and frequency ,analytical methods are not harmonized at national level, usually samples are tested by microbiological validated methods (ISO or equivalent) or PCR.

2. Measures in place[(b)]

Not in place

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

There aren't

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

In 2019 a total of 1464 animal samples were tested for Y. enterocolytica research (decreasing number respect previous years).204 samples were contaminated (13.93%).

The samples were taken in 19 Italian regions. The most part of the samples were collected during clinical investigations (867) or by Competent Authority during Official Control (597).
Sampling was carried out on the farm (282; prevalence 11.7%) or animals (1182;Prevalence 14.38%).

A wide range of the samples were collected from wildlife (921), bovine (162), pets , ovine,vegetables with less frequency.
The most contaminate samples were: wildlife (102/921), bovine (51/162).
150/204 isolated strains were typed. The reslt of typing showed Y.enterocolitica (140), Y.intermedia (3),Y.frederiksenii (3), Y.Kristensenii (4).

5. Additional information

-

*** 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: Yersinia enterocolitica in food
1. History of the disease and/or infection in the country[(a)]
Yersinia enterocolitica in Italy is rarely involved in foodborne transmission and official data on human case are not available. No monitoring plans have been made to study the prevalence of infection in food of animal origin and samples of feed for animals.
2. Evaluation of status, trends and relevance as a source for humans
-
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
It is suggested to promote a monitoring plan
4. Additional information
* **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*: Yersinia enterocolitica in food
1. Monitoring/Surveillance/Control programmes system[(a)]
In Italy there are no Y. enterocolitica control program in place. Sampling strategies, type of samples and frequency ,analytical methods are not harmonized at national level, usually samples are tested by microbiological validated methods (ISO microbiological method or equivalent) or PCR
2. Measures in place[(b)]
Not in place
3. Notification system in place to the national competent authority[(c)]
There aren't
4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]
In 2019 a total of 485 food samples were tested for Y. enterocolytica research (decreasing number respect previous years). 8 samples were contaminated (1.64%). The samples have been collected in 15 Italian regions. Most part of the samples were collected by Competent Authority during Official Control (422). The principal samples collected were: meat and meat products (383), milk and milk products (60).. The 8 contaminate samples were meat and meat products and Y.enterocolitica the only species.
5. Additional information
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*** 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

All Italian National Health System: Ministry of Health, Istituto Superiore di Sanità, Regional Health Departments, Istituti Zooprofilattici Sperimentali of National Laboratories network, National Reference Laboratory of Italy.

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

General evaluation*: Echinococcus spp.

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

In Italy, the following agents of Cystic echinococcosis (CE) have been identified: Echinococcus granulosus sensu stricto (genotypes G1- G3), E. equinus (G4), E. ortleppi (G5), and pig strain (G7). CE has been reported in farmed animals, dogs, wildlife (mainly wolves and wild-boars), and in humans.

E. multilocularis (Alveolar echinococcosis) has been reported in foxes. It is not present in other animals (although some wrong reports were notified in recent years) or in humans.

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

The epidemiological situation in the last years should be considered basically constant. CE may be considered sporadic, endemic and hyper endemic respectively in northern, central, southern and insular (Sardinia, Sicily and Basilicata) Italy, respectively. However, high prevalence of CE in adult sheep have been reported in different Italian provinces, irrespective of area of origin, and in alpine areas previously considered ipoendemic. The situation of Sardinia and Basilicata continues to be alarming, even if CE prevalence and cyst fertility rates seem to be lower than in the past. The sheep-dog cycle, especially the role of shepherd dog not managed correctly, is the most important way of diffusion the parasite

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

Notification of human CE in Italy is compulsory but widely disregarded; recently is been implemented the national register of CE cases but it is not still working; this bounds to restrict the studies to hospitalized patients. CE human infection occurs symptomatically in a small number of people after many years of infection and makes difficult to estimate the exact incidence rate.

4. Additional information

* **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*: Echinococcus spp.

1. Monitoring/Surveillance/Control programmes system[(a)]

Veterinary post-mortem inspection in all slaughtered animal.

2. Measures in place[(b)]

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

Yes

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

In 2019, three regions (Calabria, Molise,Valle d'Aosta) out of twenty regions didn't report on CE. Puglia (a region of south Italy with around 230.000 sheep) reported just one sampling on a CE negative goat. Prevalence rates are strongly age dependent and reports from abattoirs that may slaughter only young animals would substantially under-represent the true situation, especially in sheep. However the prevalence of positivity reported, especially for data resulting from the official controls, are always very low even in regions known to be endemic with apparent underreporting of the real cases of Echinococcus spp. in Italian territory. This is because older animals may be heavily infected even when young animals have very few larvae. In this report some regions have employed the suggestion about the construction of the database, in particular, have applied the distinction in slaughtering data of adult sheep goat and cattle from lambs, kids and calf. In general the information transmitted have to be considered not epidemiological suitable, because incomplete prevalence data in the ovine, key role species for echinococcosis. In some regions It was also detected inconsistencies between the data in the SINZOO report on slaughtered and the national report of the slaughtering of animals national database. Moreover could be interesting the timely notice to National Reference Laboratory of CE presence in unusual species (e.g. in cats) or age categories (like lambs or kids) aimed to diagnostic confirmation and correct communication.

5. Additional information

-

*** 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

IZSAM is National Reference Laboratory for Listeria monocytogenes from 2007.
The Laboratory:
- Cooperates with the Community Reference Laboratory for L. monocytogenes (EURL Lm)

(ANSES, Paris);
- Coordinates the activities of official national laboratories;
- Organizes interlaboratory circuits for official laboratories;
- Delivers technical and scientific instruction from the European Reference Laboratory to the Ministry of Health and official Laboratories;
- Provides scientific and technical assistance to the Ministry of Health to implement screening plans;
- Drafts the yearly report to be submitted to the Ministry of Health.

The quality of the results of lab analysis is ensured by the validation of the tests by ACCREDIA, in compliance with ISO/IEC 17025 standard, the use of validated test methods acknowledged on the international level and by the periodic participation into interlaboratory test circuits. The NRL for Listeria monocytogenes provides support in epidemiology studies and screening through the analysis of strain insulates from the environment, animals and food by using phenotypic and molecular characterization methods.

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

General evaluation*: Listeria spp. in animal

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

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

In 2019 samples tested for detection of Listeria spp. and Listeria monocytogenes taken from animals were 712, between them bovines represented the first group of animal sampled (29.07%), followed by sheep (18.82%), goats (15.17%), poultry breeders (5.76), donkey 4,49%, dogs (4.07%) and pigs (3.93%), the first four species involved gave the 68.82 % of the samples tested during 2019.

In 2019, the overall prevalence of Listeria spp. in animals was 2.95% (47/876). Samples were taken mostly from ruminants (630.6%) and 13 sheep, 3 bovines, 2 goats, 2 poultry breeders and 1 Bear. L. monocytogenes was found in 9 samples, L. innocua in one sample and L. gray in one sample.
No data were reported on clinical symptoms.

Specimen were sampled for diagnosis (89.33%), in the framework of research projects (9.83%) and as official controls (0.84%);

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

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4. Additional information

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* **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

General evaluation*: Listeria monocytogenes in food

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

In 2019 the number of samples of food taken for detection or enumeration of Listeria monocytogenes was 28782, out of them 287 were positive (the overall prevalence was 1.0%), the reduction versus 2018 was equal to 266 (29048, 0.93% less than in 2018).

In 2019 food and environmental samples taken for Listeria monocytogenes detection and enumeration were 28782; in the framework of official control activities (52.1%), own-checks (46,12%), control for

import (0,62%) and research projects (0.43%),. Official control activities carried out on suspect samples were represented by 36 samples (0,72%).
According to the contest, in official control activities, random positive samples were 219 (1,46%) on 14995 samples, and 4 on suspect sample (1.92%) out of 208. In own-checks 58 samples (0.44%) out of 13275; during control for import 6 positive samples (3,35%) out of 179 were detected; no positive samples were found during research projects (0/125).
The most consistent sampling activity on foodstuffs was performed in processing plants and distributors (19716) with 156 (0.79%) positive samples for Listeria monocytogenes and in retail (Automatic food dispensing machines, Retail shops, Canteens, catering, restaurant, pizzeria (8913) with 129 (1.45%) positive samples.
According to the sample type only 139 environmental samples were reported and two of them positive, On carcasses, 14 swabs were taken and no positive samples were found.

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

Food samples were then 28782 with 287 positive samples (1,0%).
The most consistent sampling activity on foodstuffs was performed in processing plants and distributors (19716) with 156 positive samples for Listeria monocytogenes and retail sector (e.g. retail stores, restaurant, pizzeria) with 8913 samples tested and 129 positive samples.

Based on the type of food meat and meat based products 2,56 % of positive samples (163/6375), fish and fish products gave 1.98% of positive samples (39/1971), composite food 0.63% (13/2062), dairy products 0.44% with 62 positive samples out of 14153. Positive samples were also found in sauces 1 out of 184, fats as 3 out of 912. In vegetables only 4 samples out of 1884, no positive samples were found on beverages, cakes and bakery, eggs, , honey, infant formula, special food and water.

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

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4. Additional information

According to a generic classification based on the name of the food or food categories reported in the system, RTE products represented 89.97% of tested food (25893/28780) and 88.5% of positive samples (254/287).
In particular RTE products contaminated were mostly represented by the following groups of food: meat and meat products (positive samples: 136/4407 as 3.09%), fish and fish products (positive samples 36/1762 as 2.04%), composite food (positive samples 13/2062 as 0.63%), sauces (positive samples 1/184 as 0.54%), milk and milk products including cheese (positive samples: 61/13785 as 0.44%), fats (positive samples 3/912 as 0.33% vegetables (positive samples 4/1776 as 0,23).

* **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

Regional Health Departments, Italian IIZZSS network, National Reference Centre of Bovine Tuberculosis (IZSLER).

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

General evaluation*: Bovine Tuberculosis

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

In Italy the first control measures for Bovine Tuberculosis (TB) started in 1964 on a voluntary basis. A compulsory national eradication program based on a single intradermal skin test, slaughter of positive animals, and post mortem meat inspection, was introduced in 1977. Its application allowed for a gradual reduction of the national TB herd prevalence from 1,1% in 1965 to 0,44% in 2019, calculated as the proportion of outbreaks to herds under the control programme in 1 year.
In particular several regions and/or provinces reached the status of officially TB free (OTF). Here there is the list of those recognized by the European Commission according to community legislation (i.e. Dir. 97/12/EC).
Friuli-Venezia Giulia Region (2006/290/CE).
Emilia Romagna Region (2007/174/CE).
Veneto Region (2008/404/CE).
Lombardia and Toscana Region (2010/391/CE)
Liguria and Piemonte regions (2016/168/UE)
Umbria region (2017/888/EU)
Provinces of Bolzano and Trento in Trentino Alto Adige Region (2003/467/CE).
Province of Pescara in Abruzzo Region (2006/169/CE).
Provinces of Rieti, Frosinone and Viterbo in Lazio Region (2011/277/CE).
Provinces of Ascoli Piceno (2003/467/CE), Fermo (2012/204/UE), Ancona and Pesaro-Urbino (2016/168/CE) in Marche Region.
Provinces of Oristano (2009/342/CE), Cagliari, Medio-Campidano, Ogliastra and Olbia-Tempio (2010/391/CE) in Sardegna region.

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

In Piemonte Region 4 TB zoonotic cases were described in farm owners (Goria et al. 2009, Medicina Veterinaria Preventiva n° 30 pg. 50-58).
In Calabria region one TB zoonotic case was described in a farm worker (Quirino et al. 2015, Article ID 794715, 4 pages: http/dx. doi.org/10.1155/2015/794715).

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

Application of the Ordinance of Ministry of Health of the 28 Maggio 2015 “Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica” and subsequent amendments (Ordinance Ministry of Health 13 May 2019).

4. Additional information

References

L. M. Goria, A. Garrone, A. Benedetto, A. Dondo, S. Zoppi, F. Rossi, L. Chiavacci, A. Barbaro, S. Bonora, A. Mondo, A. Turchi, G. Moda, P. Vignetta, F. Rosso, L. Sala, P. Bruno Ventre, G. Ara, M. Veglia, C. Zucca. 2009. La tubercolosi da M. bovis nell’uomo: il risvolto zoonosico della malattia e i riscontri raccolti in Piemonte. Medicina Veterinaria preventiva n° 30 pagina 50-58.

Pacciarini M. L., Goria M., Tagliabue S., Mazzola E., Simonetti M. T., Dal Monte P., Mazzone P., M. B. Boniotti. 2013. Molecular analysis of Mycobacterium bovis isolates from humans in Italy: comparison with the genotype database of animal strains. 34th Annual Congress of the European Society of Mycobacteriology, 30th June-3rd July, Florence Italy.

Quirino, A., C. Torti, A. Strazzulla, S. Nisticò, L. Galati, G. S. Barreca, A. G. Lamberti, G. Berardelli, M. Pacciarini, G. Gasparini, V. Pisani, A. Gambarella, M. C. Liberto, and A. Focà. 2015. Case Report in Infectious Diseases 2015, Article ID 794715, 4 pages: http/dx. doi.org/10.1155/2015/794715.

Lombardi G., I. Botti, M. L. Pacciarini, M. B. Boniotti, G. Roncarati, and P. Dal Monte. 2017. Five-year surveillance report of human tuberculosis caused by Mycobacterium bovis in Bologna, Italy: an understimated problem. Epidemiology and Infection 145 (14): 3035-3039.

* **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 Tuberculosis

1. Monitoring/Surveillance/Control programmes system[(a)]

Single skin test according to EC legislation (97/12/CE amending 64/432/CE). In NOTF regions it is applied the Ordinance of Ministry of Health of the 28 Maggio 2015 “Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica” and subsequent amendments (Ordinance Ministry of Health 13 May 2019).
Official post mortem examination is performed in all slaughtered cattle with obligatory report to the competent Local Veterinary Services. The control measures reported in Annex A, Chapter I, point 2, letter c), third paragraph of Decision 98/46/EC (i.e. post mortem examination in the slaughterhouse only, with testing of all animals entering an holding inside of the officially free province-region) are applied in Friuli Venezia Giulia region.
Extraordinary TB eradication regional programs are always approved by National Authorities.
https://ec.europa.eu/food/funding/animal-health/national-veterinary-programmes_en

2. Measures in place[(b)]

Measures in case of the positive findings or single cases
All animal positives by tuberculin test are slaughtered within 15 days from the notification to the animal owner. Herd repopulation is performed after 2 consecutive negative tests at a distance of 42 days. In NOTF regions positive animals must be slaughtered within 15 days from the notification, as provided by the Ordinance of Ministry of Health.
No animal movement from and to the infected holding is allowed until all the animals are negative to 2 consecutive tests. Unique exception is represented by animals directly moved to slaughterhouse. Milk of positive animals is destructed; milk of the remaining animals in the outbreak is submitted to heat treatment and consumed after pasteurization.

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

Each declaration of infected herd is reported by the Local Veterinary service to the local Health Authority (Municipality’s Major) and a monthly aggregate report is sent to the National Veterinary Authority. The disease has been notifiable since 1954.

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

In Italy Bovine Tuberculosis is eradicated in most part of the nation. In 2019 the prevalence calculating considering herds subjected to programme (according to the decision 2002/322/EC) is 0.44%, while the prevalence registered in NOTF regions is 0.63% with an incidence of 0.36%. Overall there is a general tendency to reduce infection throughout the country. In Sicily the situation can be considered stable, in fact the prevalence in 2018 was 1.25% and in 2019 was 1.5%.

5. Additional information

M. Beatrice Boniotti, Maria Goria, Daniela Loda, Annalisa Garrone, Alessandro Benedetto, Alessandra Mondo, Ernesto Tisato, Mariagrazia Zanoni, Simona Zoppi, Alessandro Dondo, Silvia Tagliabue, Stefano Bonora, Giorgio Zanardi and M. Lodovica Pacciarini 2009. Molecular Typing of Mycobacterium bovis Strains Isolated in Italy from 2000 to 2006 and Evaluation of Variable-Number-Tandem-Repeats for a Geographic Optimized Genotyping. J. Clin. Microbiol. 47:636-644

*** 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

Local Veterinary Units (AULSS)
Regional Veterinary Service (SVR)
Istituto Zooprofilattico Sperimentale (IZS) delle Venezie (National and FAO Reference Laboratory for rabies)
Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna
Istituto Zooprofilattico Sperimentale del Piemonte Liguria e Valle d'Aosta
Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche
Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise
Istituto Zooprofilattico Sperimentale delle regioni Lazio e Toscana
Istituto Zooprofilattico Sperimentale del Mezzogiorno
Istituto Zooprofilattico Sperimentale della Puglia e Basilicata
Istituto Zooprofilattico Sperimentale della Sicilia
Istituto Zooprofilattico Sperimentale della Sardegna

All of them belong to the National Health System and contribute to rabies surveillance data collection and reporting in the field (AULSS and SVR) and in the lab (IIZZSS).

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

General evaluation*: Rabies

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

In 2019 no rabies cases have been diagnosed. Italy is rabies-free since 2013 following the last epidemic (2008-2011) that occurred in the north-eastern part of the country. The last case was diagnosed in February 2011.

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

The rabies free condition does not pose any risk for humans. However, attention is devoted by the competent authorities to companion animal movements and possible cases of imported human rabies. One imported (Zanzibar) human rabies case has been reported in Italy in 2019.

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

Passive and active surveillance on bat rabies has been improved and is in progress in collaboration with bat handlers and IIZZSS.

4. Additional information

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* **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*: Mammals and lyssavirus
1. Monitoring/Surveillance/Control programmes system[(a)]
Surveillance activity focuses on indicator animals (found dead, symptomatic animals) according with EU recommendations (European Commission, 2002. The oral vaccination of foxes against rabies. Report of the Scientific Committee on Animal Health and Animal Welfare, European Commission, http://ec.europa.eu/food/fs/sc/scah/out80_en.pdf.) and EFSA AHAW Panel (EFSA Panel on Animal Health and Welfare), 2015. Scientific opinion – Update on oral vaccination of foxes and raccoon dogs against rabies. EFSA Journal 2015;13(7):4164, 70 pp.
2. Measures in place[(b)]
Passive surveillance targeted to index animals. The level of passive surveillance in wild animals in north-eastern Italy has been properly guaranteed considering that this is the most at risk territory of the country for a possible re-introduction of rabies.
3. Notification system in place to the national competent authority[(c)]
YES, mandatory
4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]
The data about rabies surveillance in all Italian regions did not show any relevant change. The epidemiological situation of rabies in Slovenia and Croatia remained quiet and no case has been detected in 2019. Similar promising trend has been reported also in the Balkan area.
5. Additional information
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*** 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

Both laboratories belonging to the National Sanitary Service (official laboratories belonging to the net of Istituti Zooprofilattici Sperimentali) and private laboratories are involved in performing analysis for detection of Salmonella in veterinary matrices, which include samples of animal origin collected at primary production level, samples of food of animal origin and samples of feed for animals.
Laboratory results together with epidemiological data are collected through dedicated information systems that find their final container in SINZOO.

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)]

A farm to fork approach in order to reduce the incidence of human Salmonellosis is applied in Italy according to relevant European legislation (Regulation EC 178/2002).
Salmonella control plans at primary production level in poultry sector entered into force in Italy in 2007 according to Regulation EC 2160/2003. The effort performed both by FBO and CA resulted in a reduction of the prevalence of serovars considered relevant for human health over time.
In the last six years the prevalence target defined for breading flocks of Gallus gallus and turkeys, laying hens, broilers and fattening turkeys was always satisfied.
Feed for animals is submitted to control as well, in order to avoid feed contaminated with Salmonella spp. is used for animals farmed for food production.
As regards the controls in food of animal origin this is performed according to Regulation EC 2073/2005 and each time e non-compliance is highlighted, sanitary measures are taken in order to avoid the food reaches the consumers.
Despite the epidemiological situation at veterinary level is generally satisfactory an increasing trend in terms of S. Infantis occurrence is highlighted; this is mostly related to the poultry sector.

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

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

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4. Additional information

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*** 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 animals

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

According to EU Regulation No 2160/2003 Italy is implementing a control programme approved by European Commission aimed at reducing the prevalence of Salmonella serovars, which are considered relevant for public health, in poultry at primary production level. Currently, prevalence targets have been defined for breeding flocks of Gallus gallus, laying hens, broilers and breeding and fattening turkeys and correspond to the maximum annual percentage of flocks remaining positive for relevant serovars (S. Enteritidis and S. Typhimurium, including its monophaisc variant, except than for breeding flocks of Gallus gallus, where S. Infantis, S. Vircow and S. Hadar are considered to be relevant as well). In particular, prevalence target is equal to 1% or less for breeding flocks of Gallus gallus, broilers and breeding and fattening turkeys and to 2% or less for laying hens.

Beside the mandatory control programs for Salmonella in poultry, surveillance or monitoring programme may be applied at regional level according to available resources, local objectives and epidemiological situation. In these cases sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives.

2. Measures in place(b)

As far as compulsory control programme in poultry, the sampling strategy, frequency, type of samples and methods to collect and analyse samples are reported in details in the National control plan and are in compliance with European relevant legislation.
In case Salmonella serovars relevant for public health are identified at farm level both as a consequence of official sampling and sampling by food business operators, sanitary measures are taken in order to avoid dissemination of bacteria at farm level and during transport of animals to the slaughterhouse. Birds belonging to flocks of breeders resulted to be positive for serovars relevant for public health must be slaughtered except than in case S. Infantis, Vircow and Hadar are indentified when birds can be kept for production until the end of the cycle. Additionally, for breeders, eggs can't be hatched and eggs still present at the hatchery have to be destroyed; for laying hens eggs must be declassified to B category and treated according Regulation EC 1237/2007. At the slaughterhouse Regulation 1086/2011 is applied; alternatively birds may be intended for heat treated products. Vaccination is mandatory for breeders and laying hens in case a new flock is hosted in herds where a relevant Salmonella serovar was found.

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

Results of sampling performed in the framework of the national control plan and all relevant information must be recorded in the dedicated informative system (SISalm); competent authority may obtain detailed information directly from SISalm or may ask the food business operators to provide all the results from sampling. In case of identification of serovars relevant for public health the information must be immediately given to the Official Veterinary Service.

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

As regards the epidemiological situation related to samples of animal origin, a robust evaluation may be done only for samples collected in the framework of the national control program (NCP).

In 2019, 1923 breeding flocks of Gallus gallus were submitted to sampling, 1907 by FBO and 1018 by CA; 69 breeding flocks (61 adult flocks and 8 in rearing phase) resulted to be positive for Salmonella spp. in 2019. 5 adult flocks tested positive for Salmonella serovars with public health significance (2 Salmonella Enteritidis, 1 S. Typhimurium, 1 S.Typhimurium monophasic variant and 1 S. Infantis.
Thus the percentage of flocks positive for relevant serovars was below 1% in 2019.
As regards serovars not relevant for public health, the three most frequent serovars were: S. Kentucky (18 flocks), S. Veneziana (14) and S. Napoli (6).

In 2019, 493 breeding flocks of turkeys were submitted to sampling, 493 by FBO and 176 by CA. Out of the 493 flocks submitted to sampling, 30 tested positive for Salmonella spp.: 16 of them were in laying phase and 14 were in rearing phase.
None of the tested flocks resulted to be positive for Salmonella serovars with public health significance.
Thus the percentage of adult flocks positive for relevant serovars was below 1% in 2019.
As regards serovars not relevant for public health, S. Livingstone, with 16 positive flocks out of 30 (53%), was the most frequent detected serovar.

As regards laying hens, 5000 flocks were submitted to sampling, 4735 by FBO and 1501 by CA. 324 of the tested flocks resulted positive for Salmonella spp and 54 resulted to be positive for Salmonella serovars with public health significance (45 S. Enteritidis, 8 S. Typhimurium monophasic variant and 1 S. Typhimurium). 50 out of the 54 positive flocks were detected in laying phase flocks (43 S. Enteritidis, 6 S. Typhimurium monophasic variant and the unique S.Typhimurium).

Thus the percentage of flocks positive for relevant serovars was below 2% in 2019.
With 45 positive flocks in 2019, S. Enteritidis was the second most detected serovar in laying hens.
As regards serovars not relevant for public health the most frequent serovar was S. Kentucky (2.4 % positive flocks over the checked flocks), similarly to the previous year (2.12%).

In 2019, 28.040 broiler flocks were submitted to sampling , 27.954 by FBO and 462 by CA; 4255 tested positive for Salmonella spp. and 12 flocks resulted to be positive for Salmonella serovars with public health significance (5 Salmonella Enteritidis, 4 S. Typhimurium and 3 S. Typhimurium monophasic variant).
Thus the percentage of flocks positive for relevant serovars was below 1% in 2019.
As regards serovars not relevant for public health, the most frequent detected serovar was S. Infantis with 2370 positive flocks, representing the 50% of all serovars detected as also in 2018, followed by S. Thompson, way below with 407 positive flocks, S. Mbandaka (247 positive flocks) and S. Seftemberg (207 positive flocks).

In 2019, 5826 turkey flocks were submitted to sampling, 5814 by FBO and 148 by CA; 771 flocks tested positive for Salmonella spp.: 8 flocks resulted to be positive for Salmonella serovars with public health significance (5 S. Typhimurium monophasic variant and 3 S. Typhimurium).
Thus the percentage of flocks positive for relevant serovars was below 1% in 2019.
As regards serovars not relevant for public health the most frequent serovar was S. Infantis (134 flocks, 2.3%),followed by S. Newport (69 flocks) and S. Saintpaul (49 flocks).

In the last years in all the animal categories submitted to control programme it was always possible to satisfy the prevalence reduction target set by European regulations.
In 2019, an higher occurrence of S. Enteritidis compared to the previous years was observed, suggesting to keep monitoring these two categories in particular also in the coming year.

Generally observing the data reported on animals that are not submitted to the national control plan (NCP), it is possible to highlight that the distribution of the samples according to the animal species depends on local epidemiological situations.
The majority of the samples (41%) were collected from pigs and bovines; about 23% were collected from wildlife animals; 18% from sheeps; 7% from poultry other than NCPs; 5% from pets; 0.7% from solipeds; 0.4% from zoo animals; the remaining samples (3.4%) were collected from different species including sealife animals, but also rabbits, wild pigs, ducks, quails, fowls, goose and buffalos farmed for food production.

In 2019, a total of 13064 animal samples were submitted to analysis; almost all were collected in the framework of clinical investigation (6116) or official control (5568) and a minor part were collected for research projects (1362). Out of 13064 samples, 1401 tested positive for Salmonella spp.
The Salmonella serovar was not reported in 180 cases.

For all the animal categories not submitted to national control plan it is not possible to identify trends; anyway,considering the potential contribution of meat of pig origin and milk and dairies to human salmonellosis, a look at the details data related to pig and bovines samples is provided.

For what concerns pig samples, in 2019, 380 samples were submitted to analysis for Salmonella detection. All of them were collected at slaughterhouse (242) level or at farm level (138). Most of the samples were collected in the framework of clinical investigation (297) or official control (69) and the remaining minor part for research projects (7).
44 samples resulted to be positive for Salmonella spp., they were collected in the framework of official controls (21), clinical investigation (16) or research projects (7); as regards the sampling point ,41 out of 44 were related to farm.
Among the identified serovars, 10 were S.Typhimurium, 4 were S. Derby, 2 were S. Typhimurium monophasic variant, 1 each were S. Cholaraesuis and S. Muenster.

In 2019, 4938 bovine samples were collected, 3135 at slaughterhouse level and 802 at farm level; the majority of them was collected in the framework of official controls (2970), 1106 in that of research projects, 853 in that of clinical investigations.
172 samples resulted to be positive for Salmonella spp.; nearly the 70% of these samples were collected in the framework of research projects and almost all (90%) of the positive samples were collecred at farm level. As regards the serovars that were identified, 74 were S. Typhimurium, 38 S. Dublin and 16 were S. Typhimurium monophasic variant, representing the 80% of all serovars detected.

For what concerns the other species, it was observed that in 2019, 2390 sheep samples were submitted to Salmonella detection and 951 tested positive; out of the 951 positive samples, 950 were collected at farm level, 946 were in the framework of clinical investigation and 867 were S. Abortusovis. This situation seems to be compatible with a possible outbreak caused by S. Abortusovis, a common host-specific and pathogenic serovar affecting sheeps.

As regards the animal species of origin of the positive samples for serovars relevant for public health (S. Typhimurium, its monophasic variant and S. Enteritidis), the data is reported below.
Data shows that out of the 130 samples positive for S. Typhimurium, 84 (65%) were collected from pigs and bovines, 29 were collected from wildlife animals, 7 from pets, 3 from sheeps, 2 from solipeds and from poultry other than NCP; only one S.Typhimurium was detected from farmed quails and partridges as well.

As regards monophasic variant of S. Typhimurium, 17 out of 23 samples (74%) were isolated from pigs or bovines. The others monophasic variant of S.Typhimurium were isolated with a frequency equal to or less than 1.
S. Infantis was detected in the 64% of cases from poultry other than NCP (7 out of 11) and in the other species was isolated with a frequency equal to or less than 1.
It is quite interesting that, among the 33 S. Enteritidis, 28 (85%) were isolated from wild life animals, in 19 cases they were isolated from hedhehog.

5. Additional information

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*** 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).

1. Description of Monitoring/Surveillance/Control programmes system: Salmonella in feed

1. Monitoring/Surveillance/Control programmes system

In Italy a national control plan for feed, which is called PNAA (Piano Nazionale Alimentazione Animale) is applied. According to PNAA both feed materials and feed compounds must be sampled by Competent Authority and analysed by Public Health laboratories (belonging to the net of Istituti Zooprofilattici Sperimentali) for Salmonella spp. detection and serotyping of strains whenever isolated.
The PNAA chapter dedicated to Salmonella is structured in three main areas: monitoring, surveillance and control of pet-food.
As far as the monitoring is concerned its main purpose is to collect data on Salmonella spp. occurrence in the most used feed materials and feed compounds for the most important animal categories involved in food production so that to contribute in the data collection based on Directive 2003/99/EC.
The total number of feed samples to be collected for monitoring each year at national level is equal to 1000 to be further stratified at regional level; local Competent Authorities define how to stratify samples in terms of type of feed material/compound and sampling place according to the local situation.
As regards the surveillance, this is based on risk assessment and basically it is aimed at controlling feed for those animal species which are identified by Regulation EC 2160/2003 as more relevant for human salmonellosis (poultry and pigs). Additionally, since in the past soybeans and cereals resulted to be more frequently contaminated with Salmonella compared to other feed materials in Italy, the surveillance plan is focused on these type of matrices.
Briefly, according to the surveillance plan at national level each year the following samples must be collected for Salmonella spp. detection by Competent Authority: 300 samples of soybeans and cereals, 100 samples of feed compounds for pigs and 100 samples of feed compounds for poultry (to be further stratified according to local situation).
As far as pet-food is concerned this is aimed at avoiding the Salmonella infection in pets as possible source of transmission to humans. In total 112 samples of pet-food must be collected each year, further stratified at regional level.
Additionally FBOs collect samples according to their HACCP program.

2. Measures in place

Whenever Salmonella spp. is detected, according to the national plan (PNAA), serotyping must be performed in order to identify the serovar and sanitary measures must be taken which are different according to the type of feed type and sampling place.
In case of feed materials, if one of the following serovar: S. Enteritidis/Typhimurium (included the monophasic variant), Vircow, Infantis and Hadar (which are considered relevant for public health according to Regulation EC 2160/2003), is detected, the material must be submitted to heat treatment (at least 71°C for 30 minutes) to guarantee the decontamination; feed material may be used only after a control providing evidence for a negative result. If another type of serovar is detected, feed must be submitted to a treatment aimed to reduce the risk, such as heat treatment, organic acid treatment or heat treatment plus organic acid; in this case it is not necessary to proceed with further control.
In case of feed compounds, independently by the serovar, a heat treatment must be performed (at least 71°C for 30 minutes).
Both for feed materials and feed compounds, if it is not possible to proceed with any treatment, the contaminated feed must be destroyed or anyhow not used for animals.
In all cases of Salmonella spp. detection an epidemiological investigation must be carried out so that to identify the source of contamination.

3. Notification system in place to the national competent authority

According to PNAA results of sampling performed by the local competent authority must be sent to the regional authority that validates the data and sends them through a specific format to the Ministry of Health. Data are annually sent to the National Reference Laboratory for Salmonella that analyses the data and produces a report useful to identify trends and to programme the activity for the following years.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

In 2019, 3175 feed samples were submitted to analysis: 1715 were collected by FBO (Food Business Operator) for own checks, 5 were collected in the framework of research projects and the remaining part, 1455, by CA (Competent Authority) for official controls.
2188 samples were collected at feed mill level, while the others were collected at farm (564) and retail level (423). Different types of matrices were collected including feed material of plant and animal origin (different types of flour and oil seeds), compound feeding stuffs (about 70% of the total number of samples) and water (27 samples).
Out of the 3175 samples submitted to analysis, 23 resulted to be positive for Salmonella spp. thus resulting in a lower frequency of isolation of Salmonella in feed compared to 2018 and 2017 (0,7 against 1% of 2018 and 2017). 13 out of the 23 positive samples were collected at farm level while 7 at feed mill level.
The serovar of the Salmonella detected in the positive samples was reported for 16 cases. Contrary to 2018, no S. Infantis was detected (in 2018 14 out of 28 positive samples resulted to be contaminated with S. Infantis). 14 different serovars were identified with S. Typhimurium and S. London isolated with a frequency equal to 2 and the others equal to 1 (S. Derby, S. Duisburg, S. Kentucky, S. Mbandaka, S. Montevideo, S. Muenster, S. Ohio, S. Senftenberg, S. Soerenga, S. Tennessee, S. Veneziana).

2. Description of Monitoring/Surveillance/Control programmes system: **Salmonella in food**

1. Monitoring/Surveillance/Control programmes system

Food samples are sampled according to Regulation 2073/2005, at least for the food categories included in this piece of legislation. Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives and are not harmonized at national level.
As regards food categories which are not included in Regulation 2073/2005 sampling is performed according to the epidemiological evaluation which is performed at regional/local level; in these cases sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives and according the criteria defined in a national guideline (212/CSR 10 November 2016).

2. Measures in place

In case of non-compliance, the non-compliant batch is immediately recalled or withdrawn. Additional measures are implemented by the food business operator under the supervision of the Competent Authority.

3. Notification system in place to the national competent authority

Both laboratories belonging to the National Sanitary Service (official laboratories belonging to the net of Istituti Zooprofilattici Sperimentali) and private laboratories analyse food samples for detection of Salmonella. Analytical results are released to the person who requested the analysis and stored at local level, validated at regional level and then collected at central level through dedicated informative systems.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

In 2019 a total of 56403 samples of food intended for human consumption were tested for Salmonella spp.
The most part of the samples were collected by CA (Competent Authority) for official controls (33118) and by FBO (Food Business Operator) as own check controls (23256); 29 samples were collected in the context of research projects. As regards the sampling point, most part of them were collected at industry

level (17380), slaughterhouse level (23409) and retail level (11950); a minor part of samples were collected at restaurant (1896) and canteen (1724); 44 samples were collected in private domestic settings.
As far as the type of food, a wide range of samples were collected: meat and meat products, milk and milk products, fish and fish products, vegetables, eggs and eggs products, bakery products, mixed food, and others with less frequency such as spices, water and other drinks.
A noteworthy number of samples were meat and meat products related (35805), 5277 were fish and fish products and 5617 milk and milk products. Samples of eggs and egg products were 543, while vegetables contributed with 1563 samples; a noteworthy number of samples (1833) were environmental swabs.
Out of 56403 samples, 1096 resulted to be positive; in particular 1,6% of samples collected industry level tested positive, 1,9 of those collected at retail level, 2,3 of those collected at slaughterhouse level; 0,4 of those collected at restaurant level and 2% of samples collected at canteen level.
The Salmonella serovar was not reported in 192 cases.
Observing the data of the Salmonella serovar distribution (serovar data available for 904 samples out of the 1092 resulted to be contaminated with Salmonella) it is possible to provide the following information.
The most frequent Salmonella serovars were S. Infantis (210), S. Derby (130), S. Typhimurium monophasic variant (130), S. Rissen (72) and S. Tyhimurium (67); the other serovars were identified with a frequency below 50; in particular 11 S. Enteritidis (SE).
As regards the animal species of origin of the positive samples for the 5 most frequent serovars the data is reported below.
Out of the 210 S. Infantis, 206 were isolated from meat and meat products; in 57 and 12 cases they were related to poultry and turkey products respectively (139 corresponds to the number of cases for which it was not possible to specifically identify the animal species of origin in this context).
As far as S. Derby is concerned, 113 out of 130 derived from meat and meat products; 85 were related to pig meat and 1 to turkey (in 44 cases the species was not reported).
As regards S. Typhimurium monophasic out of the 129 isolates, 110 were related to meat and meat products; in 75 cases it was possible to identify the species of origin and in 73 cases this serovar was isolated from meat of pig origin (1 case was related to turkey).
Out of the 72 S. Rissen, 64 were isolated form meat and meat products; all the 57 for which it was possible to obtain the data of the species, were related to pig.
As far as S. Typhimurium is concerned 60 out of 67 derived from meat and meat products; 41 were related to pig, 1 to sheep and 5 were related to quails, (20 corresponds to the number of cases for which it was not possible to specifically identify the species of origin of the sample).
Observing the data related to samples of poultry origin resulted to be positive to Salmonella spp. (Gallus gallus, 92 samples), the most frequent serovar was S. Infantis (57) followed by S. Bredeney (22); also in the case of samples from turkey (23 samples tested positive), the most frequent serovar was S. Infantis (12).
Observing the data related to positive samples of pig origin (372), the most frequent serovar was S. Derby (85) followed by the monophasic variant of S. Typhimurium (74), S. Rissen (57) and, S. Typhimurium (41); all other serovars were isolated with a frequency below or equal to 20.
Finally, as regards eggs and egg products, one sample resulted to be positive for Salmonella spp., 1 egg positive to S. Thompson.
Generally we observe a huge number of samples (27273) for which the species of origin of the food was not reported and this hamper the possibility of source attribution modelling.

Institutions and Laboratories involved in zoonoses monitoring and reporting

The National Reference Centre for Toxoplasmosis (Ce.Tox.) is part of the Istituto Zooprofilattico Sperimentale della Sicilia. Ce.Tox was established in 2004 by decree of the Italian Ministry of Health. Since August 2012 the laboratories of Ce.Tox are located in the Catania branch of the Istituto Zooprofilattico Sperimentale della Sicilia.

Designing and carrying research projects, confirming diagnoses made by other laboratories, developing and standardizing diagnostic methods, promoting inter-laboratories proficiency tests, storing and supplying reference materials (DNA, sera, parasite strains) drawing and conducting surveillance plans at national and regional level, collaborating with other EU and international reference laboratories, providing technical and scientific support to the Ministry of Health, drafting annual reports on toxoplasmosis prevalence for the Ministry of Health to be forwarded to EFSA, planning training courses for national health system staff, disseminating information to consumers for better knowledge and prevention of toxoplasmosis are among the main institutional activities of Ce.Tox.

Ce.Tox diagnostic procedures complies with UNI CEI EN ISO/IEC17025 Standards and are subjected to verification by ACCREDIA (Italian body of accreditation). Accredited laboratory procedures are those required by the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2017, Section 2.9, Other Diseases, Chapter 2.9.9 «Toxoplasmosis». Other laboratory methods have been developed and validated (Real-time PCR, isolation in cell culture and immunocytochemistry). During 2019 genotyping methods have been implemented and carried out mostly for research purposes (RFLP, NGS).

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

General evaluation*: *Toxoplasma gondii*

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

In 1908 Alfonso Splendore and in 1909 Nicolle and Manceaux first observed toxoplasmosis in a rabbit and in an african rodent (*Ctenodactylus gondii*) respectively but it was only in 1932 that the zoonotic nature of agent *T. gondii* was cleared up as a result of congenital infection of a newborn. In 1939, Wolf and other authors also found the possibility that the disease could cause encephalitis and lead to death. In the 60s the disease was often diagnosed in patients with cancers and in the 80s in those with AIDS. The national surveillance system for infectious diseases transmitted from zoonotic agents classifies toxoplasmosis as a zoonosis for which annual aggregate prevalence data must be transmitted (SINZOO), but not among those subjected to mandatory reporting or to special surveillance. As required by the EU Directive 2003/99/CE and subsequent EU and national transpositions, toxoplasmosis is included among the zoonoses to be monitored according to the epidemiological situation.

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

The epidemiological situation in 2019 marked a small decrease in the amount of data submitted compared to 2018. The overall animal prevalence slightly increased to 20.82% as compared to the 18.29% rate recorded in 2018. This phenomenon could be the result of the decreased number of collected samples from 6839 to 6464 units. As for 2018, the prevalence figure is merely statistical and is only partially significant because the data transmitted by the Regions lack homogeneity with regards to number of samples and the animal species surveyed. For instance, the Sardinia region provided the 68% of analyses of animal samples. Once again it is outlined the difficulty of defining a risk map based on the incidence of infection in the different Italian Regions.

Likewise the previous two years the regions Calabria and Friuli Venezia Giulia did not submit any information to the veterinary informative system.

In 2019 the following regions have examined the largest number of samples: Sardinia, Sicily, Liguria, Umbria and Abruzzo (respectively: 4399, 1035, 382, 218 and 204 examined samples) while fewest tests were performed by Toscana, Basilicata and the province of Trento (7 samples each).

With regard to sampling context, in 2019 analyses were performed for clinical investigations (78,74%), official controls (7,66%) and for research activities purposes (13,59%).
Overall positive results ratios for individual animal species are as follows: 38/233 (16.31%) for cattle; 880/3403 (25.86%) for sheep; 71/925 (7.68%) for goats; 117/606 (19.31) for pigs; 57/273 (20.88%) for dogs; 19/115 (16.52%) for cats; 64/200 (32%) for wild boars; 62/317 (19.56%) for wild ruminants; 5/152 for poultry (3.29%); 2/41 (4.88%) for buffalo; 7/40 (17.50%) for foxes, 4/36 (11.11%) for hares, 5/10 (50%) for wolves; 3/21 (14.29%) for mustelids and 12/42 (28.57%) for cetaceans.
Only for those species for which an appropriate number of tests is available (at least 100 examined animal units), compared to 2018 prevalence rates are almost overlapping for goats (7,68% *vs* 7,12%). An increase in prevalence rates is reported for cattle (16,31% vs 10,47%), sheep (25,86% vs 20,41) and wild ruminants (19,56% vs 4,02) whereas prevalence rates have dropped for pigs (19,31% vs 28,57%), dogs (20,88% vs 25,71%), cats (16,52% vs 28,24%) and wild boars (32% vs 45,31%). Once more for 2019 prevalence rates confirm that pigs and sheep are the major sources of toxoplasma infection whereas the rising number of seropositive cases found among cattle confirm that the latter can be a potential source of foodborne toxoplasmosis. Although the surveys have not been performed on a sound epidemiological base, prevalence rates remains worrying for wild ruminants and wild boars. Especially wild boars' infection prevalence is of concern, given that wild boars are omnivorous and can get infected by ingesting tissues harbouring *T. gondii* cysts or by exposure to oocysts contaminating the environment and hence vegetables. The number of tests run on cetaceans specimen also included 7 DNA samples from 2018 submitted to the National Reference Centre for genotyping purposes. Therefore the reported prevalence rate (28.57%) must be downsized to 14.29% which is still of concern since the remaining analyses (35 animal units) were performed routinely on stranded animals and not under clinical suspicion hinting that the found prevalence might be close to the real field prevalence. Aquatic mammals results also highlights the issue of the parasite circulation in the marine environment where it can be carried by accidental hosts like fishes, molluscs or gasteropods thus posing a risk for consumers of fresh fishery products. In 2019, samples from 152 animals from households poultry farms from Nigeria were also examined in the framework of a research collaboration. Five animals tested positive and the relevant DNA was genotyped with RFLP and NGS techniques.
As regards food, data have been reported also in 2019. A total of 386 food samples have been analysed marking a significant decrease from 2019 (1643 samples) with Sicily being the only region submitting information to the veterinary informative system. Contamination with *T. gondii* has been found in 25 out of 139 samples of meat products (17,98%), in 5 out 30 samples of fresh molluscs (16,67%), in 9 out of 154 fish samples (5,84%), while no contamination has been found on 13 samples of honey and in 50 samples of drinkable water. These two matrices have been tested for the first time in 2019.
Data on food contamination are only partially comparable to those recorded in 2018 with positive results showing a marked increase in fresh mussels (16,67% vs 9,63%) albeit with a low number of tested samples, while substantially overlapping in fresh fish (5,84% vs 5,97%).

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

No specific actions have been implemented as regards toxoplasmosis monitoring. Ce.Tox implemented additional molecular typing techniques, namely RFLP and NGS, on animal samples to be able to trace infections effectively.

4. Additional information

As in previous years, no data on human toxoplasmosis outbreaks or feed contamination with *T. gondii* have been reported in the veterinary informative system.

* **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*: *Toxoplasma gondii* in animal

1. Monitoring/Surveillance/Control programmes system[(a)]

The EFSA data collection framework categorizes zoonoses and foodborne outbreaks monitoring data according to their level of quality and harmonization.
In this respect, Toxoplasma is classified as a category III zoonotic agent for which only descriptive summary at national and EU-level is prescribed with no monitoring or surveillance data and no reporting requirements. Likewise EU-level trend monitoring and analysis (not applicable for toxoplasmosis), also national monitoring or surveillance data must be interpreted with extreme caution. Italy makes no exception with no monitoring program in place for animal or foodborne toxoplasmosis although the reporting of FBO (foodborne outbreaks) of human toxoplasmosis is mandatory according the Zoonoses Directive 2003/99/EC.
Sampling is carried on a casual basis, following a clinical suspicion or for research purposes. Specimen taken include serum, whole blood and tissue samples (muscles, ocular bulb, brain, heart, foetus, foetal annexes).
Case definition: animal infected with *T. gondii* infectious forms exhibiting typical symptoms (abortion, neonatal abnormalities) or with subclinical infection or positive to serological testing.
Diagnostic analytical methods include serological analyses (ELISA, IFAT), molecular biology (Nested-PCR, Real Time PCR, RFLP and NGS), ELISA from meat juice, immunohistochemistry and isolation in cell cultures.

2. Measures in place[(b)]

Although beneficial, to date a control program/strategy for toxoplasmosis has not been enforced at national or EU level. Vaccination is not practised with no vaccine registered for use in animals.

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

Mandatory: No

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

In 2019 the overall prevalence rate of *T. gondii* infection in animals marked a slight increase to 20.82% as compared to the 2018 rate (18,29%). This event is likely the results of a lower number of collected samples (6464 *vs* 6839). Since no monitoring program is in place, sampling and testing among different regions lack homogeneity and thus the overall prevalence rate fail to reflect the real distribution of the infection in the livestock population. Furthermore, investigations in different animal species are not carried systematically and prevalence can be biased especially when low number of animals are tested for a clinical suspicion or in the course of an epidemiological investigation. As regards food producing animals, sheep (25,86%), pigs (19,31%) and cattle (16,31%) remain an important source of toxoplasma infection for consumers. Nonetheless it is not possible to assess a reliable prevalence trend over the past 5 years given the extreme lack of homogeneity of the population sampled as regards numbers of animals tested, purpose of the investigation and territorial distribution. In this respect nearly 85% of the sheep tested in 2019 are from Sardinia that also collected and analysed 64,21% of the overall samples submitted to the Italian veterinary informative system. It is therefore clear that data on toxoplasmosis submitted by the Italian regions do not reflect the real epidemiological status of *T. gondii* infection in the population of food-producing animals.
Despite the fact that data are likely biased, the prevalence rate recorded for wild boars (32%) is worrying since wild boars are omnivorous and thus can get infected by ingesting cysts-contaminated tissues of infected animals or vegetable food contaminated with oocysts shed by infected cats. The latter route has been frequently overlooked but now warrants further attention by the scientific community.
Also the persistent findings of *T. gondii* infection in cetaceans highlights the issue of the parasite circulation in the marine environment where it can be carried by accidental hosts like fishes, molluscs or gasteropods thus showing that consumption of fresh fishery products can be added as a potential risk of transmission for consumers.

In 2019, data are reported about toxoplasma infection in chickens raised in households farms in Nigeria. Brain, heart and muscle samples from seropositive animals were tested with molecular techniques (real time PCR, RFLP and NGS) and 5 out of 152 (3.29%) animals were confirmed positive.

5. Additional information

As in previous years, territorial inequalities in samples collection and testing is the main hindrance to define the distribution of *T. gondii* infection in animals.
The collection of data effectively managed throughout the country with a planned survey would be much beneficial to better understand the epidemiology of the disease and take actions to prevent diffusion of the parasite in farms and therefore in animal-derived food production.

* **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*: *Toxoplasma gondii* in food

1. Monitoring/Surveillance/Control programmes system[(a)]

As well as the monitoring of animal toxoplasmosis, sampling and testing scheme are not implemented for food both of animal and vegetable origin.
In 2019 a number of 386 food samples (5,63% of the total samples tested for *T. gondii* in Italy) were assayed. Testing was carried out in the context of research projects granted to Ce.Tox.
Specimen included skin, muscle, intestine and gills from fresh fish and inter-valve fluid and whole mussel tissues homogenate. Meat samples were obtained from pigs slaughtered in EU-registered abattoirs and processed in meat processing plants.
Drinkable water samples were from municipally treated waters while honey samples were collected from local registered apiaries.
No case definition could be applied to food sampling, given its casual and voluntary nature.
Diagnostic analytical methods included molecular biology (Real Time PCR) and isolation in cell cultures.

2. Measures in place[(b)]

Likewise animal toxoplasmosis, to date a control program/strategy for the monitoring of toxoplasma contamination of food has not been enforced at national or EU level. Such plan would be appropriate in order to assess the risk of foodborne toxoplasmosis for consumers.

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

Mandatory: No

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

Prevalence data on food contamination with *T. gondii* are available only for the previous two years, hence only a limited comparison with the current situation can be done.
In 2019, fewer food products samples were tested (386 vs 1643). As compared to 2018, detection rates of *T. gondii* contamination remains stable for fishery products (5,84%), while it increases with regards to

fresh mussels (16,67%). While no comparison can be done with the previous year, *T. gondii DNA* was detected in 17,98% of the tested fresh meat samples. Results from testing of honey (0%) and drinkable water (0%) were submitted for the first time to the informative system.
As in previous years (2017-2018) these results are merely indicative and lack significance since sampling was not carried out on a sound statistical base. Nonetheless, detection rates confirm that fresh fish and mussels contaminated with *T. gondii* can be added as a potential source of infections for consumers thus emphasizing the need to increase surveillance and monitoring also on fish products to reduce the risk of foodborne infection for consumers. The rate of contamination of samples of fresh pork (17,98%) although alarming it is consistent with prevalence rate found in pigs screened for toxoplasma infection by serology and PCR.
Contamination with *T. gondii* DNA was not detected in honey and in drinkable water samples that were tested in search of evidences of the frequently overlooked oocysts-based transmission route of toxoplasmosis.

5. Additional information

Also in the current year, analyses performed on food samples are limited as regards number of samples and food categories examined. Furthermore, food data were submitted only from one region (Sicily) and hence a national distribution map of the risk of acquiring foodborne toxoplasmosis cannot be drawn.
As for animal toxoplasmosis, also for food the collection of data effectively managed throughout the country with a planned survey enforced by national or EU health authorities, would be beneficial to better understand the epidemiology of the disease and map the potential sources of human infection through consumption of animal-derived and vegetable food.

* **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

National Reference Laboratory for Trichinella (NRL for Trichinella)

Istituto Superiore di Sanità

Rome, Italy

The NRL for Trichinella has been appointed since 2006 at the Unit of Foodborne and Neglected Parasitic Diseases, Department of Infectious Diseases. This Unit acts as OIE Reference Laboratory for Trichinella, European Union Reference Laboratory for Parasites, and International Reference Laboratory for Trichinella of the International Commission on Trichinellosis.

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)]

From the fifties up to 2019, 1,534 Trichinella infections in humans have been documented in Italy. Of them, 197 cases (13 outbreaks) were caused by the consumption of uncontrolled meat from hunted wild boars, 11 cases (2 outbreaks) for the consumption of meat from hunted foxes, 111 cases (3 outbreaks) from uncontrolled meat from farmed wild boars, 169 cases (10 outbreaks) for the consumption of pork from free-ranging or backyard Italian pigs, 12 cases (2 outbreaks) for the consumption of infected pork imported from Romania, and 1,038 cases (7 outbreaks) for the consumption of meat from horses imported from Eastern Europe. In the same period of time, Trichinella larvae have been detected in: 33 free-ranging or backyard Italian pigs, 95 wild boars hunted in Italy, 6 wild boars farmed in the Friuli V.G. region, and in 8 horses imported from Eastern Europe. The etiological agent of Trichinella in wild animals is T. britovi, whereas most of Trichinella-infected animals imported from abroad were infected with T. spiralis. Trichinella pseudospiralis has been detected in two hunted wild boars of the Emilia Romagna and Tuscany regions, in six farmed wild boars of the Friuli V.G. region, and in a fox of Tuscany. T. spiralis has been detected in three foxes hunted in the Piacenza province in 2016, 2017 and 2018.

In 2019, Trichinella infection has been registered in 5 wild boars, 5 foxes and 24 wolves. The species identified in 2 wild boars, 4 foxes and 17 wolves was Trichinella britovi. In 2019, T. spiralis was not detected in animals.

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

Currently, in Italy Trichinella britovi is circulating in wild carnivores (foxes, wolves and mustelids) with a prevalence lower than 0.5%. In the wild boar population, the prevalence is lower than 0.01%. In general, Trichinella-positive wild animals have been detected only in mountain areas above 500 m asl. Among Trichinella-susceptible livestock of Italy, these parasites have been detected only in free-ranging or backyard pigs, i.e. animals in contact with the sylvatic cycle. Never, Trichinella infections were detected in pigs or other susceptible animal reared under controlled housing conditions, never these animals were the source of infection for humans. In 2019, trichinellosis cases in accordance with the ECDC case definition, were related to a FBO with nine people who acquired the infection in Val di Susa, Piedmont region, northwest Italy. This FBO was assumed to be caused by the consumption of sausages prepared

by meat from a Trichinella britovi infected hunted wild boar. Epidemiological data clearly show that all trichinellosis infections in humans are caused by the consumption of meat from illegally slaughtered free-ranging and backyard pigs or from illegally hunted wild boar that evaded veterinary controls.

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

It is suggested to switch the Trichinella control from pigs reared under controlled housing conditions to free-ranging and backyard pigs, even if these animals do not reach the market, but are consumed by their owners, their relatives and friends. At the same time, hunters, farmers and game consumers should be informed and educated on the risk to acquire trichinellosis by the consumption of uncontrolled game. It follows that the Trichinella control on wild animals intended for human consumption should be encouraged even if these animals do not reach the market but are consumed by hunters and their relatives and friends. It is strongly suggested the promotion of courses on the risk factors associated to Trichinella infection

4. Additional information

In December 2019, an outbreak of trichinellosis occurred in the Piedmont Region; 9 people were involved and 3 three cases were hospitalized. The event was attributed to the ingestion of salami based on wild boar meat infected with Trichinella britovi. During January 2020, 66 other human cases related to the same outbreak were reported.

* **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)]

Trichinella infection is monitored by artificial digestion according to the Commission Regulation 1375/2015, in wild carnivore and omnivore animals hunted or killed by cars (convenient sampling). All slaughtered Trichinella susceptible animal species (pigs and horses) not farmed under controlled housing conditions are tested according to the Commission Regulation 1375/2015. When a Trichinella positive animal is detected, Trichinella larvae are preserved under ethyl alcohol and send to the NRL for the identification of the Trichinella species.

2. Measures in place[(b)]

-

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

In Italy, it is mandatory to notify the detection of Trichinella-positive animals; furthermore, it is also mandatory to notify human infections and to investigate the source of infection.

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

-

5. Additional information

-

* **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

The Italian surveillance plan for WNV is designed for the early detection of the viral circulation in horses, birds, mosquitoes and humans. Since 2016 an animal-vector–human integrated surveillance plan has been put in place.
Collection of specimens is carried out by the Official veterinarians coordinated on a regional level. Once collected, data related to each type of sample (bird, horse, mosquitoes) is properly registered according to a dedicated forms (W01-W05).
The screening tests from vector, birds and horses (serological and molecular) are carried out by the network of the 10 Istituti Zooprofilattici Sperimentali (IIZZSS), public health Institutions located throughout Italy. Positive samples have to be confirmed by the National Reference Center for the Foreign Diseases of Animals (CESME) held by the Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise (IZSAM). The diagnostic procedures have been harmonized and the laboratories capacity assessed among the regional laboratories through proficiency tests organized by CESME once a year. IZSAM is also in charge for the collection and management of the data generated by the surveillance activities in animals and vectors.

Notification of outbreaks is registered by the Official veterinary authorities in the national information system for the notification of outbreaks in animals (SIMAN). The notification system is designed to register and document the occurrence and evolution of important infectious animal diseases according to the Council Directive 82/894/EC. It is a management tool that ensures immediate notification of alert messages as well as detailed information about outbreaks of notifiable animal diseases in the country.

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

General evaluation*: West Nile Virus (WNV) in animals

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

In Italy, the first WNV outbreak in horses occurred in the late summer of 1998, in Fucecchio marshes, Tuscany. Ten years later, in 2008, the virus has been responsible of several outbreaks registered in three north-eastern regions (Emilia Romagna, Veneto and Lombardia). Since then WNV has been circulated every year in both the territories previously affected and in novel areas. To date, WNV circulation has been confirmed in 15 out of 20 Italian regions (Emilia Romagna, Veneto, Lombardia, Sardegna, Sicilia, Friuli Venezia Giulia, Piemonte, Molise, Toscana, Basilicata, Lazio, Puglia, Calabria, Marche and Liguria) in mosquitoes, birds and horses. WNV infection has been identified in 1,668 horses[1] and, among them, 240 animals developed the neurological form of the disease.

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

The annual reoccurrence of WND, involving humans and horses ,support the evidence of the endemisation of the infection in most of the territories where viral circulation has been detected. Nevertheless novel introduction have likely occurred, as demonstrated by the genetic eterogenicity of the viral population. Transmission between vertebrates and humans occurs only through mosquito bites and there is no evidence of any direct natural transmission.

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

In Italy since 2016 an integrated approach has been applied with the integration of veterinary and human surveillance activities in a unique national plan. Surveillance on animals and mosquitoes is focused on the early detection of the viral circulation. Once WNV is detected, specific measures are applied on a provincial scale to limit the risk of direct transmission of human to humans through substances of human origin (SoHO) and specific measures to reduce the mosquitoes population are carried on.

[1] Horse case as defined below

4. Additional information

Clinical cases generally occur from July to October, the most common vectors are mosquitoes of Culex genus, feeding mostly on birds and mammals; birds are the primary vertebrate hosts. During the epidemic period epidemiological data are collected and analyzed in real time and positive results published once a week on the web site of IZSAM http://sorveglianza.izs.it/emergenze/west_nile/emergenze.html

* **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*: West Nile Virus (WNV):wild birds

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy since 2001, a multi-species surveillance plan including wild and resident birds, poultry, horses, and mosquitoes is in place to early detect WNV introduction/circulation and to monitor the spread of the infection. Since then, national surveillance activities have been annually updated according to the epidemiological situation.
Currently. the national territory has been divided into three different epidemiological areas according to the risk of virus introduction and circulation :

> *High transmission risk area* :territory (Province) where WNV is circulating or has circulated in at least one of the 5 years before the publication of the present plan as well as the surrounding areas.
>
> *Low transmission risk area :* territory (Province) where WNV has never been/rarely reported, but which have eco-climatic condition favorable to viral circulation
>
> *Minimum transmission risk area :* territory (Province) where WNV has never or rarely reported and where eco-climatic conditions are not suitable to WNV circulation

Surveillance activities in High transmission risk and Low transmission risk provinces are focused to early detect viral circulation and to refine the infected territories
In Minimum transmission Risk areas only passive surveillance on horses and wild birds is carried on to asses the introduction of any viral strain.

To guarantee harmonization and representativeness of the data collected within active surveillance, each province is divided in units of 1200-1600 km^2 and activities referred to each unit are established.

The animal and vector disease surveillance is based on the following components:

- Surveillance of resident birds of target species (Magpie, Carrion Crow and Eurasian jay); alternatively, only in Low Risk provinces if less than 50% of the planned activities on birds of target species are performed, surveillance can be conducted on rural or open-air poultry rearing units
- Horses clinical surveillance
- Entomological surveillance.
- **Wild bird mortality surveillance**.

Passive surveillance is in place in Minimum Risk Areas and throughout the Country, whatever the epidemiological status. Passive surveillance is carried out by registering any episode of wild bird mortality particularly during the period of vector activity.
Carcasses are conferred by the local Veterinary Service to the local IZS, necropsy performed and, once collected, brain, heart, spleen and kidney assayed by WNV specific qRT-PCR. Any positive sample has to be sent to the CESME within 2 working days for confirmation (qRT-PCRs), genetic characterization (partial or complete genome sequencing) and viral isolation together with the set of data (geo-localization, species, date etc..) listed in a dedicated form (W02).

Case definition
Suspect WND case
- RT-PCR test positive from organs of wild birds performed by local IZS
Confirmed WND case
- RT-PCR test positive from organs of wild birds performed by CESME

2. Measures in place[(b)]

When a WND cases is confirmed in a wild bird by CESME, results are directly transmitted to local and national health authorities including the National Italian Blood Centre and National Italian Transplant Centre, which implements the screening of blood donors in the affected province.
Regional authorities promote the information campaigns to the citizens living in the infected areas to apply the measures capable of limiting the exposure to mosquitos' bites.
Mosquitoes control interventions are applied on local scale and their efficacy monitored.

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

Once confirmed, WND outbreaks in wild birds are mandatorily reported to the national health authorities through the information system for the notification of outbreaks in animals (SIMAN) by the regional health authority (within 2 working days).

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

From 2008 to date WNV infection has been reported in 283 wild birds. Details of the last 5 years are provided below.
WN viral genome has been detected by RT-PCR in 12 birds collected during 2015, 25 in 2016, 25 wild animals in 2017 ,111 collected during 2018 and 21 in 2019.
During the last epidemic season, infected birds were collected in Emilia Romagna, Sardegna, Veneto Piemonte e Lombardia regions. Genetic analyses of WNV strain confirmed the circulation of Lineage 2.

5. Additional information

Official veterinarians responsible for sample collection have access to the SIMAN where they can retrieve and print the reporting form for wild birds (W02). The following information are required to be collected and provided to the national authorities:

- Municipality
- Province
- Date of finding/trapping and Cage ID
- Location of finding/trapping (Latitude and Longitude)
- Bird species (*Corvus corone cornix, Pica pica, Garrulus glandarius, other…*)
- Organ or specimen sampled for viral diagnosis

*** 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*: West Nile Virus (WNV):resident birds of target species

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy since 2001, a multi-species surveillance plan including wild and resident birds, poultry, horses, and mosquitoes is in place to early detect WNV introduction/circulation and to monitor the spread of the infection. Since then, national surveillance activities have been annually updated according to the epidemiological situation. Currently. the national territory has been divided into three different epidemiological areas according to the risk of virus introduction and circulation :

High transmission risk area :territory (Province) where WNV is circulating or has circulated in at least one of the 5 years before the publication of the present plan as well as the surrounding areas.

Low transmission risk area : territory (Province) where WNV has never been or rarely reported, but these but which have eco-climatic condition favorable to WNV transmission.

Minimum transmission risk area : territory (Province) where WNV has never circulated and where eco-climatic condition are considered not suitable to WNV circulation.

Surveillance activities in High transmission risk and Low transmission risk provinces are focused to early detect viral circulation and to refine the infected territories
In Minimum transmission Risk areas only passive surveillance on horses and wild birds is carried on to asses the introduction of any viral strain.

To guarantee harmonization and representativeness of the data collected within active surveillance, each province is divided in units of 1200-1600 km^2 and activities referred to each unit are established.

The animal and vector disease surveillance is based on the following components:

- **Surveillance of resident birds of target species (Magpie, Carrion Crow and Eurasian jay);**alternatively only in Low trasmission risk provinces , if less than 50% of the planned activities are performed, surveillance can be conducted on rural or open-air poultry rearing units.
- Horses clinical surveillance
- Entomological surveillance.
- Wild bird mortality surveillance.

In High Risk transmission and Low Risk transmission areas at least 100 individuals/unit of resident birds belonging to the target species have to be collected and tested from March to November. Carcasses are conferred by the local Veterinary Service to the local IZS, necropsy performed and, once collected, brain, heart, spleen and kidney should be assayed by WNV specific qRT-PCR. Any positive sample has to be sent to the CESME within 2 working days for confirmation (qRT-PCRs), genetic characterization (partial or complete genome sequencing) and viral isolation together with the set of data (geo-localization, species, date etc..) should be listed in a dedicated form (W02).

Case definition
Suspect WND case
- RT-PCR test positive from organs of resident birds performed by local IZS
Confirmed WND case
- RT-PCR test positive from organs of resident birds performed by CESME

2. Measures in place[(b)]

When a WND cases is confirmed in resident birds by CESME, results are directly transmitted to local and national health authorities including the national blood center which implements the screening of blood donors in the affected province.

Regional authorities promote the information campaigns to the citizens living in the infected areas to apply the measures capable of limiting the exposure to mosquitoes bites.
Mosquitoes control interventions are applied on local scale and their efficacy monitored.

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

Once confirmed, WND outbreaks in resident birds are mandatorily reported to the national health authorities through the information system for the notification of outbreaks in animals (SIMAN) by the regional health authority (within 2 working days).

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

From 2008 to date WNV infection has been reported in 632 resident birds. Details of the last 5 years are provided below.

Viral genome was detected by RT-PCR in 59 resident birds belonging to target species collected during 2015, in 67 birds in 2016, 45 birds in 2017, in 244 birds during 2018 and 79 during 2019.
During the last epidemic season infected birds among the resident species were collected in Emilia Romagna, Piemonte, Veneto, Sardegna, and Lombardia regions. Genetic analyses of WNV strain confirmed the circulation of Lineage 2.

5. Additional information

Refer to the information provided in the text form “wild birds”

*** 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*: West Nile Virus (WNV):poultry

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy since 2001, a multi-species surveillance plan including wild and resident birds, poultry, horses, and mosquitoes is in place to early detect the virus introduction/circulation and to monitor the spread of the infection. Since then, national surveillance activities have been annually updated according to the epidemiological situation. Currently. the national territory has been divided into three different epidemiological areas according to the risk of virus introduction and circulation :

High transmission risk area :territory (Province) where WNV is circulating or has circulated in at least one of the 5 years before the publication of the present plan as well as the surrounding areas.

Low transmission risk area : territory (Province) where WNV has never been/rarely reported, but these but which have eco-climatic conditions favorable to viral circulation

Minimum transmission risk area : territory (Province) where WNV has never circulated and where eco-climatic conditions are not suitable to WNV circulation

Surveillance activities in High transmission risk and Low transmission risk provinces are focused to early detect viral circulation and to refine the infected territories
In Minimum transmission Risk areas only passive surveillance on horses and wild birds is carried on to asses the introduction of any viral strain.

To guarantee harmonization and representativeness of the data collected within active surveillance, each province is divided in units of 1200-1600 km^2 and activities referred to each unit are established.

The animal and vector disease surveillance is based on the following components:

- Surveillance of resident birds of target species (Magpie, Carrion Crow and Eurasian jay) ;alternatively **only in Low risk areas If less than 50% of the planned activities are performed, surveillance can alternatively be conducted on rural or open air poultry rearing units.**
- Horses clinical surveillance.
- Entomological surveillance.
- Wild bird mortality surveillance.

In Low risk areas surveillance can be performed on rural or free range poultry rearing units from March to November.
Sampling is performed by the local Veterinary Service and serological screening is performed by the local IZS (ELISA). Any positive sample has to be sent to the CESME within 2 working days to be confirmed by the serum neutralization assay together with the set of data (geo-localization, species, date etc..) listed in a dedicated form (W01).

Case definition
Suspect WND case
- ELISA test positivity in rural or free range poultry under six months of age performed by local IZS.
Confirmed WND case
- ELISA test positivity confirmed by the serum neutralization assay on rural or free range poultry under six months of age performed by CESME

2. Measures in place[(b)]

When a WND cases is confirmed in poultry by CESME, results are directly transmitted to local and national health authorities including the national blood center and national traplants center which implements the screening of blood donors in the affected province. Furthemore,
Regional authorities promote the information campaigns to the citizens living in the infected areas to apply the measures capable of limiting the exposure to mosquitoes bites.
Mosquitoes control interventions are applied on local scale and their efficacy monitored.

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

Once confirmed, WND outbreaks in poultry are mandatorily reported to the national health authorities through the information system for the notification of outbreaks in animals (SIMAN) by the regional health authority (within 2 working days).

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

From 2012 to date 16 outbreak of WND were reported in poultry

5. Additional information

Official veterinarians responsible for sample collection have access to the National Animal Database (BDN) and the SIMAN where they can retrieve and print the information already available on the target species and on the facility hosting the animals. The specific data collection and reporting form for poultry (W01) requires to collect and provide national authorities with the following information:

General Information

- National Health Authority – Local Code
- Municipality
- Province
- National Farm Code
- Geographic coordinates (Latitude and Longitude)
- Owner and/or keeper name
- Owner and/or keeper ID number
- Species
- Production Attitude (meat or eggs)
- Farming type (Free ranging, semi – free ranging, intensive outdoor)

* 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*: West Nile Virus (WNV): Horses

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy since 2001, a multi-species surveillance plan including wild and resident birds, poultry, horses, and mosquitoes is in place to early detect WNV introduction/circulation and to monitor the spread of the infection. Since then, national surveillance activities have been annually updated according to the epidemiological situation. Currently. the national territory has been divided into three different epidemiological areas according to the risk of virus introduction and circulation :

High transmission risk area :territory (Province) where WNV is circulating or has circulated in at least one of the 5 years before the publication of the present plan as well as the surrounding areas.

Low transmission risk area : territory (Province) where WNV has never been/rarely reported, but these but which have eco-climatic characteristics favorable to viral circulation

Minimum trasmission risk area : territory (Province) where WNV has never circulated and where eco-climatic characteristics are not favorable to the circulation of the WNV

Surveillance activities in High transmission risk and Low transmission risk provinces are focused to early detect viral circulation and to refine the infected territories
In Minimum transmission Risk areas only passive surveillance on horses and wild birds is carried on to asses the introduction of any viral strain.

To guarantee harmonization and representativeness of the data collected within active surveillance, each province is divided in units of 1200-1600 km^2 and activities referred to each unit have been established.

The animal and vector disease surveillance is based on the following components:

- Surveillance of resident birds of target species (Magpie, Carrion Crow and Eurasian jay);alternatively only in Low risk provinces , if less than 50% of the planned activities are performed, surveillance can be conducted on rural or open-air poultry rearing units
- **Horses clinical surveillance**
- Entomological surveillance.
- Wild bird mortality surveillance.

Passive/clinical surveillance of **horses** is in place in Minimum Risk Areas and throughout the Country, whatever the epidemiological status. Passive/clinical surveillance is carried out by registering any episode of neurological syndromes in horses particularly during the period of vector activity. Typical symptoms of WND in horses are considered:

- weakness of the hind limbs;
- inability to maintain quadrupedal stance;
- paralysis/paresis of limbs;
- muscle twitching;
- proprioceptive deficits;
- blindness;
- ptosis of the lower lip or paresis of the labial or facial muscles;
- tooth grinding.

Blood and serum samples should be collected by the local Veterinary Service and assayed by the local IZS for WNV specific qRT-PCR (blood) and IgM ELISA (serum). Any positive sample has to be sent to

the CESME within 2 working days for confirmation (qRT-PCRs), genetic characterization (partial or complete genome sequencing) and viral isolation from the blood, serum neutralization from the serum, together with the set of data (geo-localization, species, date etc..) listed in a dedicated form (W03)
If the animal die or is suppressed necropsy has to be performed by the local IZS to collect brain, spinal cord, kidney, heart and spleen. Once collected, the organs are screened for the presence of WNV genome by qRT-PCR by the local IZS laboratory. Any positive sample has to be sent to the CESME as described above.

Case definition
Suspect WND case
- - ELISA IgM test and/or the qRT-PCR assay positive on equidae with WND clinical signs performed by local IZS.
Confirmed WND case
- ELISA IgM positive confirmed by serological test performed by CESME
- ELISA IgM and/or qRT-PCR positive equidae confirmed by CESME.

2. Measures in place[(b)]

When a WND cases is confirmed in horses by CESME, results are directly transmitted to local and national health authorities including the national blood center which implements the screening of blood donors in the affected province.
Regional authorities promote the information campaigns to the citizens living in the infected areas to apply the measures capable of limiting the exposure to mosquitoes bites.
Mosquitoes control interventions are applied on local scale and their efficacy monitored.

Following a WND confirmed case in horses further measures are applied to define the infected area. An epidemiological investigation should be conducted to defining the probable site of infection furthermore in Low Risk and Minimum risk areas, the Official veterinary have to carry on a clinical visit and collect blood samples in horses present in the same farm.

Unlike to other species susceptible to WND, horses may be protected against the possible development of clinical manifestations of the infection which can lead to a severe and long lasting neurological impairment of the animal. Three different vaccines have obtained the marketing authorization in European Union (EU) member countries: an inactivated vaccine, produced from the VM-2 strain, a recombinant canarypox virus vCP2017 strain, that expresses the WNV prM/prE genes, and an inactivated chimaeric flavivirus strain of Yellow fever virus presenting the genes for the structural proteins E and prM of WNV. vaccination has been authorized in the Country since 2008 and recommended in endemic areas.

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

Once confirmed, WND outbreaks in horses are mandatorily reported to the national health authorities through the information system for the notification of outbreaks in animals (SIMAN) by the regional health authority (within 2 working days).

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

From 2008 to date WNV infection has been reported in 1668 horses. Details of the last 5 years are provided below.
WNV infection has been confirmed in 30 horses in 2015, 51 in 2016 93 in 2017 ,235 during 2018. During the last epidemic season 8 horses with neurological symptoms were identified in Piemonte, Emilia Romagna, Veneto and Lombardia regions. Genetic analyses of the WNV strain identified in a dead horse has been clustered in viral Lineage 2.

5. Additional information

Official veterinarians in charge for the collection of samples have access to the National Animal Database (BDN) and the SIMAN where they can retrieve and print the information already available on the horses and on the facility hosting the animals. The specific data collection and reporting form for horses (W03) requires to collect and provide national authorities with the following information:

General Information

- National Health Authority – Local Code
- Municipality
- Province

Farm Information

- National Farm Code
- Species
- Geographic coordinates (Latitude and Longitude)
- Address
- Owner name and ID number
- Reason for animal to be sampled (neurological signs, sentinel horse, located in 4 km radius from previous positive finding)

* **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*: West Nile Virus (WNV): mosquitoes

1. Monitoring/Surveillance/Control programmes system[(a)]

In Italy since 2001, a multi-species surveillance plan including wild and resident birds, poultry, horses, and mosquitoes is in place to early detect the virus introduction/circulation and to monitor the spread of the infection. Since then, national surveillance activities have been annually updated according to the epidemiological situation. Currently. the national territory has been divided into three different epidemiological areas according to the risk of virus introduction and circulation :

High transmission risk area :territory (Province) where WNV is circulating or has circulated in at least one of the 5 years before the publication of the present plan as well as the surrounding areas.

Low transmission risk area : territory (Province) where WNV has never been/rarely reported, but these but which have eco-climatic condition favorable to WNV transmission.

Minimum transmission risk area : territory (Province) where WNV has never circulated and where eco-climatic characteristics are considered not suitable to the circulation of the WNV

Surveillance activities in High risk and Low risk provinces are focused to early detect viral circulation and to refine the infected territories
In Minimum transmission Risk areas only passive surveillance on horses and wild birds is carried on to asses the introduction of any viral strain.

To guarantee harmonization and representativeness of the data collected within active surveillance, each province is divided in units of 1200-1600 km^2 and activities referred to each unit are established.

The animal and vector disease surveillance is based on the following components:

- Surveillance of resident birds of target species (Magpie, Carrion Crow and Eurasian jay);alternatively only in Low risk provinces , if less than 50% of the planned activities are performed, surveillance can be conducted on rural or open-air poultry rearing units
- Horses clinical surveillance
- **Entomological surveillance**
- Wild bird mortality surveillance

The local Veterinary Services coordinate the entomological surveillance which has to be performed in High and Low transmission risk areas in order to define the presence and abundance of competent vectors and the presence of the WNV. Collections are performed from March to November twice a month with CO_2-CDC or Gravid traps (at least one trap/20X20km grid). In Low Risk area entomological surveillance must focused in areas with eco climatic conditions considered suitable for establishing a WNV transmission cycle between birds and mosquitoes.
Mosquitoes are morphologically identified, pooled according to species, collection site, sex, blood meal and date to a maximum of 200 individuals/pool and assayed by WNV specific qRT-PCR by local IZS. Any positive sample has to be send to the CESME within 2 working days for confirmation (qRT-PCRs), genetic characterization (partial or complete genome sequencing) and viral isolation together with the set of data (geo-localization, species, date etc..) listed in a dedicated form (W05).

Case definition
Suspect WND case
- RT-PCR test positive from mosquitoes pools performed by local IZS.
Confirmed WND case
- RT-PCR test positive from mosquitoes pools performed by CESME

2. Measures in place[(b)]

When a WND cases is confirmed in a mosquitos pool by CESME, results are directly transmitted to local and national health authorities including the national blood center which implements the screening of blood donors in the affected province.
Regional authorities promote the information campaigns to the citizens living in the infected areas to apply the measures capable of limiting the exposure to mosquitoes bites.
Mosquitoes control interventions are applied on local scale and their efficacy monitored.

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

Once confirmed, WND outbreaks in mosquitoes are mandatorily reported to the national health authorities through the **information system for the notification of outbreaks in animals (SIMAN) by the regional health authority (within 2 working days).**

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

From 2012 to date WNV infection has been reported in 1090 mosquitoes pools. Details of the last 5 years are provided below.

Viral genome was detected by qRT-PCR in 102 mosquitoes pools during 2015, in 141 pools in 2016, in 79 pools during 2017, in 426 pools in 2018 and in 51 pools in 2019. In the last epidemic season between July and September mosquitoes positive pools were collected in Lombardia, Emilia Romagna, Veneto, Friuli Venezia Giulia and Piemonte regions. Genetic analyses of WNV strain confirmed the circulation of Lineage 2

5. Additional information

Official veterinarians responsible for sample collection have access to the SIMAN where they can retrieve and print the specific reporting form for WNV vectors (W05). Namely, the data collected and provided to national authorities are the following:

General Information

- National Health Authority – Local Code
- Municipality
- Province

Farm Information hosting the trap(s)

- National Farm Code
- Farmed Species
- Geographic coordinates (Latitude and Longitude)
- Owner and/or keeper name
- Owner and/or keeper ID number

Other sampling site (if traps are not located close to farms)

- Location

Geographic coordinates (Latitude and Longitude)

* **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.

Institutions and Laboratories involved in zoonoses monitoring and reporting

Ministry of Health
Directorate General Health Prevention
Transmissible Diseases and International Prophylaxis Unit
Rome, Italy

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

Food-borne Outbreaks

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

In Italy, the foodborne diseases (FWD) are subject to mandatory notification under the Ministerial Decree 15 December 1990. The notification flow is distinct for sporadic cases (class II) and outbreaks (class IV). Human cases of Botulism and Trichinellosis are subject to mandatory notification within 12 hours.

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

-

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

In 2019, 134 outbreaks were reported including: 19 outbreaks of salmonellosis (91 cases occurred) and 7 outbreaks (83 cases occurred) of Calicivirus - norovirus (Norwalk-like virus).
An outbreak of Trichinellosis (T. britovi) of nine cases who consumed wild boar salami; in the same year, 13 cases of botulism and two outbreaks were reported and confirmed in the laboratory.
The data for human cases for the year 2019 are as follows: 50 cases of brucellosis, 202 cases of listeriosis and 3406 cases of salmonellosis.
Listeriosis notifications are lower than the number of cases recorded in 2013-2018 and show a constant involvement of the over-65s.
Data collected by the National Infectious Disease Notification System show that the number of salmonella cases has been decreasing since 2008.

4. Descriptions of single outbreaks of special interest

-

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

Prevention and control of foodborne diseases is one of the objectives of the National Prevention Plan 2019. The prevention of these diseases is based on the consolidation of epidemiological surveillance, also aimed at the recognition of determinants and risks, which will have to be increasingly based on the continuity of the detections and be implemented by all possible sources of information and by the special surveillance systems at the National and Regional Reference Laboratories aimed at the identification and characterization of the pathogen. Another key objective is communication and information for the general population and the specific subgroups.

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

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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 antimicrobial resistance monitoring and reporting

In Italy, the antimicrobial-resistance monitoring and reporting is in accordance with the Dec. 2013/652/EU and according to the National AMR Monitoring Programme issued every year by the Ministry of Health, DG Animal Health and Medicines (DGSAF), and DG Food Safety and Nutrition (DGISAN).

a. Cross sectional studies on caecal samples at slaughter are taken by the Local Competent Authorities (Veterinary Service) and they are sent by express courier at controlled temperature (+5°C +/- 3°C), to the Italian National Reference Laboratory for antimicrobial resistance (NRL-AR), Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri" (IZSLT), Rome. All viable caecal samples taken by the Local Veterinary Services are examined for all the relevant bacteria to be surveyed, at the NRL-AR. Isolates are identified at species (and serovar level), and tested for susceptibility to antimicrobials according to consensus EU and EFSA procedures. Results are stored in the NRL-AR database and reported as XML files by the NRL-AR according to the most updated data dictionary and structure of the EU Zoonoses database.

b. Salmonella spp. isolates from National Control Programmes on Salmonellosis, Reg. 2073/2005 and Reg. 218/2014.

Official laboratories within the National Health Service (official laboratories within the network of Istituti Zooprofilattici Sperimentali, analysing both official and own checks samples), or private laboratories (own checks) usually perform the analysis for the detection of Salmonella in matrices of animal origin.

The sampling contextes included in the Dec 2013/652/EU include:

- samples from National Control and Eradication Programs (NCP) according to Regulation 2160/2003/EC
- samples of swabs from carcases of fattening pigs, sampled for testing and verification of compliance, according to Regulation 2073/2005/EC.

The Italian National Reference Laboratory for antimicrobial resistance (NRL-AR), Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri" (IZSLT), Rome receives from the network of Istituti Zooprofilattici Sperimentali the metadata and Salmonella isolates from the samples from passive laboratory surveillance described above.

These isolates are tested for susceptibility to antimicrobials according to consensus EU harmonised panels of antimicrobials and dilution ranges included in the Annex A of the Dec. 2013/652/EU. Results are stored in the NRL-AR database and reported as XML files by the NRL-AR according to the most updated data dictionary and structure of the EU Zoonoses database.

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

Italy has soon implemented both mandatory and voluntary monitoring (i. e. specific ESBL-/AmpC-producing E. coli and specific carbapenemase-producing E. coli monitoring) in caecal samples from broiler chickens and fattening turkeys at slaughter already in the first year (2014).
Similarly, from 2015 onwards, a further implementation has been asked to Member States (MSs), and Italy designed and carried out the survey of ESBL/AmpC producing E. coli, and the specific monitoring of carbapenemase-producing E. coli, from caecal samples gathered at slaughter from bovine <12 months of age and fattening pigs.
In 2019, all viable caecal samples taken by the Local Veterinary Services and were examined for all the relevant bacteria to be surveyed by the Italian National Reference Laboratory for antimicrobial resistance (NRL-AR), Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri" (IZSLT), Rome.
Salmonella
The results of AMR monitoring of *Salmonella* isolates from National Control Programmes for Salmonellosis (NCPS), conducted every year in poultry in Italy, **confirms the diffusion of MDR Salmonella**, especially in the broiler chicken industry, with co-resistances to CIAs (e. g. fluoroquinolones, or in occasional cases, to colistin), and confirms the emergence **and spread of MDR**, ESBL-producing S. Infantis in the broiler chicken industry. **In *Salmonella* from turkeys, colistin resistance (1.73%) has significantly decreased since 2015. MDR rates remain high (around 38%).** Conversely, the resistance and MDR rates in Salmonella from laying hens are generally lower, probably as a consequence of a lower selection pressure exerted by the use of antimicrobials during the production cycles. Noteworthy, no isolates from NCPS showed carbapenemase or tygecycline resistance.
Data on *Salmonella* isolates from NCPS are still considered important, but we deem that monitoring of AMR in Salmonella from poultry primary productions do need of an integration by cross-sectional studies to better understand trends and for general purposes of risk analysis.
That is the reason why in Italy cross sectional studies at slaughter, from samples taken according to Dec. 2013/652/EU are performed every year.

Voluntary monitoring of *Salmonella* spp. in bovine <12m at slaughter and in fattening pigs (caecal samples)
Prevalence of Salmonella spp. in the epidemiological unit surveyed in bovines was **around 7%.** Considering isolates with very high sulfamethoxazole (SMX) MIC (>512 mg/L), MDR (3+R) rate exceeded 60%. Fluoroquinolone resistance was 20.0%.
Prevalence of Salmonella in fattening pigs was around 37%. If we consider all isolates with high SMX MICs (i. e. ≥512 mg/L), the MDR rate (3+R) reaches to 34.8%%, similar to the figure of 2017 when it was around 32%.
These figures influenced by the high proportion of MDR *S*. Typhimurium and its monophasic variant among the isolates from both the surveys at slaughter. Colistin resistance was not detected in 2019, while in 2017 was 2.65% (3/113) in pigs at slaughter.

Voluntary Monitoring of *Campylobacter jejuni* in bovine <12m (caecal samples)
The survey at slaughter confirms that veal calves represent a reservoir for C. jejuni, at a prevalence of around **38.22%** (112/293) of farms surveyed at slaughter in Italy in 2019.
The AMR pattern is very similar to what had been already reported by the NRL-AR in 2017. Concerns arise from the high proportion of fluoroquinolone-resistant C. jejuni isolates (around 70.0%) and co-resistances, such as FQ+TET co-resistance (around 67% of isolates), that may influence the spread of these major pathogens among veal calf holdings in Italy. Indeed, also tetracycline resistance is very high (around 95**. Importantly, resistance to gentamicin has increased from 5.33% in 2017 to 9.43%.** Macrolide resistance was not detected.
It has to be noted that tetracyclines are the antimicrobials most widely used in Italy in farmed animals, administered especially by oral route.
Fluoroquinolones are Critically Important Antimicrobials (CIAs) for invasive infections in humans due to both Campylobacter pathogens and other Gram negatives bacteria, such as Enterobacteriaceae (e. g.

Salmonella spp, E. coli, Klebsiella spp.). Gentamicin is considered among the drugs of choice for treating invasive infections of Campylobacter that are resistant to other CIAs drugs (e. g. fluoroquinolones, macrolides).

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

Animals

The data produced by the National Monitoring Programme, based on representative study design at national level, confirms that Multidrug Resistance is widespread in both major zoonotic pathogens and in commensal opportunistic indicator bacteria. In some cases resistance to CIAs in major zoonotic pathogens is of concern (i. e. high prevalence of FQ-resistance in Campylobacter jejuni, extended-spectrum cephalosporin resistance in Salmonella Infantis from broiler chickens. Importantly, although still detected in 2019 **colistin resistance in Salmonella zoonotic from poultry, especially in turkeys, has declined since 2017.**

Noteworthy, as concerns the monitoring of both the commensal indicator E. coli and specific population of ESBL/AmpC-producing E. coli, the picture in the veal calf and in the pig industry is similar, and it has not changed in 2019 compared to 2015 and 2017, strongly suggesting that continuous pressure with several antimicrobial classes can select for similar MDR patterns along the years. **Particularly, concerns arise from the very high prevalence of the ESBL/AmpC producing E. coli subpopulations in the intensive farming environment. The high prevalence of these ESC-resistant E. coli, which are very often co-resistant to five or more classes of antimicrobials, including other CIAs, and in few cases are to be defined as Extensively Drug Resistant (XDR) should be taken into account for risk management purposes.**

However, it should be noted that, when using selective culture methods, the occurrence of ESBL/AmpC-producing E.coli in caecal samples of surveyed animal populations is assessed with much greater sensitivity than when using non-selective culture methods.

Importantly, on the side of "good news" even using specific selective culture methods for the isolation of carbapenemase-producing E. coli, none of the samples from both veal calf similarly to what has been found in 2015 and 2017. Considering the sample size of the survey, we can conclude that even if these agents had entered this animal primary production, their selection by the use of other antimicrobial classes (i. e extended-spectrum cephalosporins), in 2019 their prevalence should not exceed around 1% (see 95% upper confidence limit). For the first time, since 2015, we have detected one carbapenemase-producing E. coli from one single caecal sample at slaughter. For these reasons, continuous monitoring of carbapenemase-producing E. coli in the intensive animal farming settings is advisable, since these carbapenemase-resistant bacteria have been found, although at very low prevalences, also in other EU MSs.

Foodstuffs

Results of the monitoring carried out in Italy demonstrate that a prevalence of around 12% in pork meat and around 5% in beef meat of ESBL (AmpC)-producing, MDR, E. coli can be found when using specific selective culture methods. These figures are slightly different from those reported in 2017 (8% and 9%, respectively).

The proportion of co-resistances to fluoroquinolones, often with MIC values classified as values of clinical resistance for humans are of further concern, especially in pork meat (52.4%, of which around 16% are indeed in the range of MICs associated "clinical resistances").

These findings should be of input and of thorough evaluation for risk management purposes and consumer protection along the beef- and pork-production chain.

On the side of good news, no carbapenemase-producing E. coli has been found with the sample size as defined by the Dec. 2013/652/EU: this indicates that should these clones or genes had entered in the intensive veal calf and pig industries and selected by use of other antimicrobials such as ESC, the prevalence should not exceed around 1% (see prevalence upper confidence limit in the main text at 6. Results of Investigation).

For further details on epidemiologic figures, and prevalences, see 6. Results of Investigation.

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

- The veterinary strategy is an integral part of the National Action Plan on Antimicrobial Resistance (PNCAR) 2017-2020, approved by the State-Regions Conference on November, 2 (Rep. Act No. 188 of November 2, 2017) and contributes to the achievement of the general common objective - reducing the frequency of infections caused by resistant microorganisms.

- The defined measures, objectives and indicators for their monitoring, while respecting the autonomy and the specific features of the different competences (human and veterinary), aim at facing the threat of AMR in a multi-sectoral way so as to ensure a high level of protection of human and animal health.

- The veterinary sector has set itself challenging objectives, which in our opinion represent only a starting point:
    - reducing the total consumption of antimicrobials by more than 30% (2016-2020);
    - reducing the consumption of orally administered antimicrobials by more than 30% (mass treatments);
    - reducing the consumption of critically important antimicrobials for human medicine by more than 10%;
    - reducing the use of colistin (a molecule considered a therapeutic option of last resort to treat infections caused by highly resistant bacteria in humans, which could result in an extremely high mortality) to the lowest levels required by European recommendations.

  The actions envisaged are substantially based on the three objectives below:
  -preventing and reducing infections;
  -promoting and ensuring a prudent use of antimicrobials;
  -increasing awareness of the AMR phenomenon and the risks arising from it.
- In general, a good animal health achieved through good agricultural practices (hygiene, proper nutrition, appropriate husbandry) enhances resistance to diseases by reducing the need for antibiotics. However, it is unconceivable to treat animals without antibiotics. Therefore, antimicrobials used in the veterinary sector should be considered, as in the case of human medicine, useful instruments that, if properly used**,** allow to keep animals healthy and productive, ensuring their welfare, food safety and consequently a high level of protection of public health.
- In the veterinary field, the only figure with specific skills and therefore authorized to prescribe can only be the veterinarian. This is because they have the necessary technical qualifications, including those relating to microbiology, pharmacology and ethics resulting from their education. Moreover, no antibiotics can be provided without prescription.
- The correct traceability of the veterinary medicinal product, in addition to being a form of transparency and simplification, allows the improvement of official controls and the verification of their effectiveness. Moreover, the acquisition of accurate data on the prescription and use of antimicrobials is an important element in the fight against AMR, as the real-time knowledge of what is used, in which breeding (species/category and production system), by which route of administration and for what reason (treatment, control, prevention, use in exceptional cases) allows to promptly act to “contain” any “anomalies” deviating from the principles of prudent use of antimicrobials, particularly those of critical importance for humans. On November 8, 2017, with Chamber of Deputies’ approval of European Law 2017, the digitized system is now a reality and will become mandatory throughout the national territory from September 1, 2018.
- Another major innovation in the veterinary field is the integrated monitoring system addressed to competent authorities, veterinarians and farmers, that allows to identify and classify the companies posing a serious “risk” for the development and spread of antimicrobial resistance.
- In conclusion, the computerized traceability of veterinary medicinal products, including the electronic prescription, and the integrated farming system classification represent a real breakthrough in the models and tools of health management in livestock farming. The major objective is to constantly raise the level of health and welfare of farmed animals, monitor the use of veterinary drugs and combat antibiotic resistance through the prevention of the onset of infections and biosecurity. All this also for the benefit of the productive excellence of the national food supply chain and the final consumer.

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
With the Agreement of November 2, 2017, between the Government, the Regions and the Autonomous Provinces of Trento and Bolzano, Italy adopted its first National Action Plan on Antimicrobial Resistance (PNCAR) 2017-2020. For any further detail, on the Italian Ministry of Health website, there is the full version of the integrated National Action Plan on Antimicrobial Resistance. **http://www.salute.gov.it/imgs/C_17_opuscoliPoster_362_ulteriorallegati_ulteriореallegato_0_alleg.pdf**

General Description of Antimicrobial Resistance Monitoring*; Salmonella spp. National Control and Eradication Programmes

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

The Italian National Reference Laboratory for antimicrobial resistance (NRL-AR), Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri" (IZSLT), Rome receive from the network of Istituti Zooprofilattici Sperimentali the metadata and a variable number of Salmonella isolates from positive samples the National Control Programmes on Salmonellosis.

Animal species/productions surveyed:

a. Gallus gallus (fowl) - broilers - before slaughter,
b. Turkeys - fattening flocks - before slaughter
c. Gallus gallus (fowl) - laying hens – adult

These isolates are tested for susceptibility to antimicrobials according to consensus EU and according with the Dec. 2013/652/EU. Results are stored in the NRL-AR database and reported as XML files by the NRL-AR according to the most updated data dictionary and structure of the EU Zoonoses database.

2. Stratification procedure per animal population and food category

See the Section "Salmonella in Animal -Control and Eradication Programmes"

3. Randomisation procedure per animal population and food category

See the Section "Salmonella in Animal -Control and Eradication Programmes"

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

Detection of Salmonella spp is performed by the network of IIZZSS and private laboratories according to the ISO Standard 6579-1 2017 (both official and private laboratories shall have an accredited Standard Operational Procedure and demonstrate proficiency for these analyses).

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex A of the Dec. 2013/652/EU.

6. Results of investigation

Gallus gallus (fowl) - broilers - before slaughter

During the year 2019, n=228 Salmonella spp. (all serovars) isolates were made available for susceptibility testing. Among all Salmonella spp. isolates, 22.36% (51/228) were fully susceptible, while 41.66% (95/228) showed multidrug resistance (MDR, 3+ resistances to unrelated antimicrobials). The most frequent Salmonella serovar tested was S. Infantis, with isolates representing 51.3% (117/228) of all available isolates. Among S. Infantis, 26.5% (31/117) were ESC-R.

Overall fluoroquinolone resistance (FQ-R) was 64.47% (147/228, MIC range 0.125-1 mg/L, mode 0.25 mg/L, none of which in the range of clinical resistance, CR), since 96% of MDR isolates proved to be also FQ-R.

Isolates resistant to Extended Spectrum Cephalosporins (ESC-R; cefotaxime, FOT and/or ceftazidime, TAZ resistant), were 14.47% (33/228), were all in the range of CR, and all FQ-R, and MDR. The decrease of ESC-R rates in Salmonella spp. tested form broiler chicken compared with previous years is mainly due to the decrease in the proportion of S. Infantis isolates among all serovars available for testing. Indeed the ESC-R rates of S. Infantis remains high (26.5%), as already reported in 2017 (28.57%) and 2018 (24.79%) when S. Infantis represented the vast majority of all Salmonella tested from NCPS. In 2012, 2013 and 2014 and 2015 (15.6%, 20.31% and 27.27%, 32.14% of ESC-R, respectively), ESC-R rates had steadily increased and basically due to an emerging MDR, ESBL-producing clone of S. Infantis.

Colistin resistance was observed in 2.19% (5/228) of isolates, all S. Enteritidis, for which no acquired resistance gene (i. e. *mcr* family) has been found. As reported in the literature, O-antigen epitope in group D Salmonella (O:9) seems involved in the levels of reduced colistin susceptibility.
The most frequent minimum MDR pattern was trimethoprim (TMP), tetracycline (TET), ciprofloxacin (CIP) (86/228, 37.71%), with almost all isolates also showing sulfamethoxazole (SMX) MIC >256 mg/L (mode 2048 mg/L). All ESC-R isolates showed a similar MDR co-resistance pattern.
No carbapenem or tygecycline resistance was detected.
Monitoring trends of AMR in Salmonella spp. (including MDR and resistance to Critically Important Antimicrobials, CIA), using both approaches (Census, i. e. National Control Programmes and Objective sampling strategies, i.e. surveys at slaughter) may contribute to provide a more accurate picture of the epidemiology of AMR in Salmonella spp. in Italy.

Turkeys - fattening flocks - before slaughter
In the year 2019 n=173 Salmonella (all serovars) isolates were made available for susceptibility testing. Among isolates, 40.46% (70/173) were fully susceptible, while 37.57% (65/173) showed multidrug resistance (MDR, 3+ resistances to unrelated antimicrobials) a significantly decreased proportion (in 2017 was 74.57%, 12/59) that needs to be confirmed in the next years.
Similarly, also fluoroquinolone resistance (FQ-R) has decreased in 2019, with 35.84% (62/173, MIC range 0.125-0.5 mg/L, mode 0.25 mg/L, none of which in the range of CR). In 2017 was 69.49% (41/59) and in 2018 was 69.39% (34/49).
Isolates resistant to Extended Spectrum Cephalosporins (ESC-R; cefotaxime, FOT and/or ceftazidime, TAZ resistant), were 2.9% (5/173), and all in the range of CR. The significant decrease compared with 2017 (when it was 57.62%) and 2018 (when it was 26.53%) was most likely a consequence of the absence of clusters of ESC-R S. Infantis in 2017 and of ESC-R S. Infantis and S. Bareilly in 2018.
The most frequent minimum MDR pattern was towards tetracyclines (TET), fluoroquinolone (FQ) and trimethoprim (TMP) resistance (13/173, 7.5%). The was a significant decrease compared to 2018 and 2017 when the most frequent minimum MDR pattern were tetracyclines (TET), fluoroquinolone (FQ) and trimethoprim (TMP), with 66.10%, TET-FQ-TMP and TET-FQ-TMP and cefotaxime (FOT) resistance that was 38.77%.
No colistin resistance was found in Salmonella spp. In 2019. Similarly, No carbapenem or tygecycline resistance was detected.

Gallus gallus (fowl) - laying hens – adult
In the year 2019 n=109 Salmonella (all serovars) isolates were made available for susceptibility testing. Among isolates, 32.11% (35/109) were fully susceptible, while 11.92% (13/109) showed multidrug resistance (MDR, 3+ resistances to unrelated antimicrobials).
Fluoroquinolone resistance (FQ-R) was 61.47% (67/109, MIC range 0.125-0.5 mg/L, mode 0.25 mg/L, none of which in the range of CR), with all MDR isolates which proved to be also FQ-R.
One AmpC- producing Salmonella Kentucky was detected, and 8.26% (9/109) isolates with colistin resistance phenotype (not *mcr*-mediated), all in S. Enteritidis, were detected (see comments above). No carbapenem, or tygecycline resistance was detected.

Conclusions
The results of AMR monitoring in Salmonella isolates from National Control Programmes for Salmonellosis (NCPS) in poultry shows a reduction in the diffusion of MDR Salmonella, especially in the broiler chicken industry. Co-resistances to CIAs (e. g. fluoroquinolones, or in occasional cases, to colistin) are decreasing too.. **In Salmonella from turkeys, acquired (*mcr*-mediated) colistin resistance has not been found in 2019, confirming the decline occurred after 2015.** This is most likely the result of the recommendations and policies implemented in the poultry system in Italy, which favoured a reduced amount and more prudent use of colistin. Also MDR rates have decreased compared to the last two years. Conversely, fluoroquinolone resistance and MDR rates in Salmonella from laying hens are higher than in the past, and this finding is worth monitoring in the next **future. Noteworthy, no isolates from NCPS showed carbapenemase or tygecycline resistance.**

Data on Salmonella isolates from NCPS are important, but we deem that monitoring of AMR in Salmonella from poultry primary productions needs an integration by cross-sectional studies to better understand trends and for general purposes of risk analysis. That is the reason why in Italy cross sectional studies at slaughter, from samples taken according to Dec. 2013/652/EU are performed every year.

7. Additional Information

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General Description of Antimicrobial Resistance Monitoring*; Salmonella spp from surveys at slaughter

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

Animal species/productions surveyed:

a. Bovines <12 mo at slaughter (caecal samples)
b. Fattening pigs at slaughter (caecal samples)

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

Cultures for Salmonella spp were performed according to the most recent protocols made available by the ISO Standard by the implementation of an accredited (ISO 17025) Standard Operational Procedure. AST was performed by MIC determination, according to the current legislation, the relevant Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, in this National Country Report, by adding comments on clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex A of the Dec. 2013/652/EU.

6. Results of investigation

Bovines <12 mo at slaughter (caecal samples)
Samples tested: 293; samples positive 20; prevalence: 6.83 (95% C. I. 4.22; 10.35%).
Among n=20 isolates available for AST, a 25% (5/20)4.7%, 1/21) were fully susceptible.
Considering isolates with very high sulfamethoxazole (SMX) MIC (>512 mg/L), MDR (3+R) rate is still high, but lower than in 2017 60.00 %, (12/20) when it was 70%.
These figures were influenced by the high proportion of MDR S. Typhimurium and its monophasic variant among the isolates from the survey (all MDR isolates are S. Typhimurium or its monophasic variant).
Fluoroquinolone resistance was 25%% (5/20). No Extended Spectrum Cephalosporin (ESC)-resistant isolates were found.
Similarly, no colistin, and no carbapenem resistances were detected, similarly to 2017. One isolate, showing very high MIC to tetracycline, resulted also phenotypically resistant to tygecycline (MIC=2).

Fattening pigs at slaughter (caecal samples)
Salmonella spp. monitoring at slaughter (from samples of the Dec. 2013/652/EU)
Samples tested: 302; samples positive: 113; prevalence 37.42 % (95% C. I. 31.94; 43.14%);
isolates available for AST: n= 109.
Fully susceptible isolates were 45.87% (50/109), including one isolate with sulfamethoxazole (SMX) MIC >512 mg/L, while MDR (3+R) isolates were 20.18% (22/109). However, if we consider all isolates with high SMX MICs (i. e. ≥512 mg/L), the MDR rate (3+R) rises to 34.86% (38/109).
Fluoroquinolone resistance was 6.42% (7/109) always found in MDR isolates. A minority of isolates, 3.66% (4/109) were ESC-R. **Colistin resistance was not detected in 2019, differently from 2017 when it was 2.65% (3/113).** No carbapenem- resistant isolates were found.
Dominance of major Salmonella serovars such as MDR S. Typhimurium, including its monophasic variant (more frequent than the former) influenced the MDR rates of the survey, and should be considered for risk management purposes.

Conclusions
The results of the survey indicate that veal calves represent one the reservoirs of MDR, FQ-R S. Typhimurium and its monophasic variant, This serovar, which is the dominant serovar causing Salmonella infections in humans in Italy and EU, has been detected in 14/20 of the Salmonella-positive farms surveyed,with one-fourth of isolates being also fluoroquinolone-resistant. Among good news, besides FQ-R, no isolate showed resistance to other HPCIAs, included those restricted to human use only, such as carbapenems.
The results in fattening pigs show, besides the pig-associated S. Derby, the dominance of major Salmonella serovars such as S. Typhimurium, including its monophasic variant (more frequent)and should be considered for risk management purposes**. On the side of good news, is the decline of acquired (*mcr*-mediated) colistin resistance in pig-associated *Salmonellae*** (no resistance detected) compared to 2017. The same applies for Salmonella spp. In veal calves.

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; Campylobacter from Survey at slaughter

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

Animal species/productions surveyed:

a. Bovines <12 mo at slaughter (caecal samples)

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the

Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

AST was performed by MIC determination, according to the current legislation, the relevant Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, in this National Country Report, by adding comments on clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex A of the Dec. 2013/652/EU.

6. Results of investigation

Campylobacter spp. monitoring at slaughter (2013/652/EU)
Samples tested: 293; samples positive 112; prevalence: 38.23% (95% C. I. 32.63; 44.06%).
A total of 106 isolates were available for antimicrobial susceptibility test (AST). Six antimicrobials, representing different classes/subclasses were tested: gentamicin, nalidixic acid, ciprofloxacin, erythromycin, streptomycin, tetracycline (GEN, NAL, CIP, ERY, STR, TET).
Among C. jejuni isolates tested, only 1.88% (2/106) were fully susceptible, and 16.98% (18/106) were MDR (3+R). Fluoroquinolone (FQ, representative drug tested: ciprofloxacin, CIP) resistance was widespread, reaching 69.81% (CIP-R 74/106). Tetracycline resistance was 95.28% (101/106). No macrolide (erythromycin, ERY) resistance was detected, while gentamicin (GEN) resistance has reached 9.43% (10/106), while in 2017 it was 5.33% (4/75) of the isolates, due to constant presence of specific aminoglycoside resistance genes.
The most prevalent co-resistance (Co-R) pattern was FQ+TET, detected as a minimum pattern in 66.98% (71/106) of the isolates, with a possible combination as GEN+TET+FQ or STR+TET+FQ pattern.

Conclusions
The survey at slaughter confirms that veal calves represent a reservoir for C. jejuni, at a prevalence of around **38%** of farms surveyed at slaughter in Italy in 2019.
Even if we have observed a slight decrease from 2017, concerns remains high for the proportion of fluoroquinolone-resistant C. jejuni isolates (around 69% in 2019 and 78% in 2017) and co-resistances, such as FQ+TET co-resistance (around 66% in 2019 and 77% in 2017), that may influence the persistence and spread of these major pathogens among veal calf holdings in Italy. Indeed, also very

high prevalence tetracycline resistance (around 95%), and increasing gentamicin resistance (around 9.4%) are among traits that may favour the selection of such MDR clones in the veal calf industry.
It has to be noted that tetracyclines are the antimicrobials most widely used in Italy in farmed animals, administered especially by oral route.
Fluoroquinolones are Critically Important Antimicrobials (CIAs) for invasive infections in humans due to both Campylobacter pathogens and other Gram negatives bacteria, such as Enterobacteriaceae (e.g. Salmonella spp, E. coli, Klebsiella spp.). Gentamicin is considered among the drugs of choice for treating invasive infections of Campylobacter that are resistant to other CIAs drugs (e.g. fluoroquinolones, macrolides).

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; Escherichia coli indicator commensal bacterial from surveys at slaughter

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

Animal species/productions surveyed:

a. Bovines <12 mo at slaughter (caecal samples)
b. Fattening pigs at slaughter (caecal samples).

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

AST was performed by MIC determination, according to the current legislation, the relevant Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, in this National Country Report, by adding comments on clinical breakpoints) available in the Annex A of the Dec. 2013/652/EU.

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

6. Results of investigation

Bovines <12 mo at slaughter (caecal samples)

Isolates randomly selected and tested: n=170, **among N=293 samples tested and n=292 isolates detected.**

Fully susceptible isolates were a minority, 14.70% (25/170), and the percentage of MDR (3+R) was 72.94% (124/170), similar to 2017. Fluoroquinolone resistance was 45.88% (78/170), very also similar to 2017 and significantly higher than in 2015 (when it was 35.88%) with 9.4% (16/170) of the isolates showing MICs classified as clinical resistance (CR), according to the EUCAST breakpoints (i. e. MIC >=2 mg/L).

Extended-spectrum cephalosporin resistance (ESC-R) was detected in 4.11% (7/170) of all isolates tested, in almost all case with fluoroquinolone co-resistance. Colistin resistance (COL-R), detected in 2.35% (4/170) of the isolates (similarly to what detected in 2017), was mostly due to the presence of the ***mcr-1*** gene. No carbapenem-, nor tygecycline-resistant isolates were found.

These data confirm the spread of MDR E. coli in the veal calf industry, often carrying co-resistances to CIAs, even in the randomly selected population of commensal E. coli.

Importantly, no decrease of MDR and no increase of fully susceptible commensal E. coli subpopulation has been observed in 2019.

Fattening pigs at slaughter (caecal samples).

Isolates randomly selected and tested: n= 170, **among N=302 samples tested and n= 299 isolates detected.**

Fully susceptible isolates were a minority, 10.58% (18/170), and the percentage of MDR (3+R) was 70.58% (120/170). Fluoroquinolone resistance was 24.71% (42/170) likewise to 2017 (22.35%) and significantly higher than in 2015 (when it was 14.88%), with five (2.94) isolate also showing FQ clinical resistance. Colistin resistance was found in two isolates only (1.18%).

By using non selective isolation methods, ESC-R isolates were detected in 1 isolate only (0.58%).

No carbapenem-, or tygecycline-resistant isolates were found.

These data confirm the presence and spread of MDR E. coli in the fattening pigs industry, even in the randomly selected population of commensal E. coli, with microbiological FQ resistance above 20% of the isolates. Importantly, no decrease of MDR and no increase of fully susceptible commensal E. coli subpopulation has been observed in 2019.

Conclusions

Noteworthy, as concerns the monitoring of both the commensal indicator E. coli and specific population of ESBL/AmpC-producing E. coli, the picture in the veal calf and in the pig industry is similar, strongly suggesting that continuous pressure with several antimicrobial classes can select for similar MDR patterns. Particularly, It is evident that MDR rates and resistances towards (HP)CIAs have not declined in 2019, compared to 2017 in the commensal indicator E. coli. And, importantly, there is no increase in the fully susceptible population (around 11% and 14%,respectively), indicating that the conditions for its rise may be still not sufficient. These figures most likely reflects the patterns and amount of antimicrobials still used in these production types up to 2019.

These results should be considered for risk management purposes and for implementing the national strategy regarding the antimicrobial use (patterns and total amounts of different antimicrobials used) in these food-producing categories.

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; ESBL/AmpC producing Escherichia coli, survey at slaughter

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

Animal species/productions surveyed:

a. **Bovines <12 mo at slaughter (caecal samples)**
b. **Fattening pigs at slaughter (caecal samples)**

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

Cultures for ESBL-AmpC-producing E. coli were performed according to the most recent protocols made available by the EURL-AR, by the implementation of an accredited (ISO 17025) Standard Operational Procedure.
AST was performed by MIC determination, according to the current legislation, the relevant Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, in this National Country Report, by adding comments on clinical breakpoints) available in the Annex A of the Dec. 2013/652/EU.

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

6. Results of investigation

Bovines <12 mo at slaughter (caecal samples)
Samples available and tested on selective culture media: 293; samples positive: 268; prevalence 91.47% (95% C. I. 87.66; 94.40%); isolates available for AST: 268.
A very high prevalence of ESC-producing E. coli was detected through the specific ESBL- or AmpC-producing E. coli monitoring in bovine <12 months at slaughter. All isolates were ESBL-producing E. coli. Beside ESC resistance, 95.52% (256/268) of the isolates were also classified as MDR (3+ R), with a total 214 (79.85%) being resistant to 5 or more antimicrobial classes/subclasses at the same time.
High levels of co-resistances to CIAs were a common feature of these isolates: 79.85% (214/268) of these Extended-spectrum cephalosporin-resistant (ESC-R) E. coli were co-resistant to ciprofloxacin, the prototype drug used for determining fluoroquinolone (FQ) resistance, with 14.55% (39/268) also classified as Clinically Resistant (CR: range 2-16 mg/L, mode 16 mg/L).
Co-resistance to colistin (COL) was found in 1.49% (4/268) of the isolates, all isolates proved to be co-resistant to all three Critically Important Antimicrobials (CIAs) such as extended-spectrum cephalosporins (ESC), fluoroquinolones (FQ), and colistin (COL).
No carbapenem- or tygecycline-resistant isolates were detected among these ESC-R isolates.
However, a minority of MDR isolates (3.14%) could be defined as Extensively Drug Resistant (XDR), since were susceptible only to carbapenems and tygecycline.

Fattening pigs at slaughter (caecal samples)
Samples available and tested on selective culture media: 302; samples positive: 266 ; prevalence: 87.75% (95% C. I. 83.51; 91.23 %); isolates available for AST: 266
Differently from what observed in the indicator commensal E. coli, a very high prevalence (**around 88%)** of ESC-producing E. coli was detected through the specific ESBL- or AmpC- producing E. coli monitoring in fattening pigs at slaughter. The vast majority of isolates were ESBL-producing E. coli. Beside ESC resistance, 93.60 % (249/266) of the isolates were classified as MDR (3+R), with a total 150/266 (56,39%) being resistant to 5 or more antimicrobial classes/subclasses at the same time.
High levels of co-resistances to CIAs were a common feature of these isolates: 64.29% (171/266) of these ESC-R E. coli were co-resistant to fluoroquinolones, with 20.68%, (55/266), classified as clinically resistant (CIP MIC range 2-16 mg/L, mode 16 mg/L). **No resistance to colistin (COL) was found**.
No carbapenem-resistant isolates were detected among these ESC-R isolates. One tigecycline resistant isolate was found with a very high resistant MIC for tetracycline (MIC value=128 mg/L).
however, a minority of MDR isolates (1/266, 0.37%) could be defined as XDR, since were susceptible only to carbapenems and colistin.

Conclusions
Noteworthy, as concerns the monitoring of both the commensal indicator E. coli and specific population of ESBL/AmpC-producing E. coli, the picture in the veal calf and in the pig industry is similar, strongly suggesting that continuous pressure with several antimicrobial classes can select for similar MDR patterns. **Particularly, concerns arise from the very high prevalence and persistence of the ESBL/AmpC producing E. coli subpopulation in the intensive farming environment of both productions. These rates are likely to have been influenced along the years by the selection exerted by the patterns and amounts of beta-lactams used in these productions, from aminopenicillins to third-fourth generation cephalosporins.**
The high prevalence of these ESC-resistant E. coli, which are very often co-resistant to five or more classes of antimicrobials, including other CIAs, and in few cases are to be defined as Extensively Drug Resistant (XDR) should be taken into account for risk management purposes.
However, it should be noted that, when using selective culture methods, the occurrence of ESBL/AmpC-producing E.coli in caecal samples of surveyed animal populations is assessed with much greater sensitivity than when using non-selective culture methods.

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; Carbapenemase-producing Escherichia coli, survey at slaughter

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

Animal species/productions surveyed:

a. **Bovines <12 mo at slaughter (caecal samples)**
b. **Fattening pigs at slaughter (caecal samples).**

Italy has performed voluntary monitoring of carbapenemase-producing E. coli also in 2017.
The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the

Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at slaughter have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

Cultures for carbapenemase-producing E. coli were performed according to the most recent protocols made available by the EURL-AR, by the implementation of an accredited (ISO 17025) Standard Operational Procedure.
Carbapenemase-producing E. coli were screened by the use of a commercial plate CarbaSmart (bi-plate, bioMèrieux).

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex A of the Dec. 2013/652/EU.

6. Results of investigation

Bovines <12 mo at slaughter (caecal samples)
Samples available, and tested on selective culture media: 293; samples positive 0; prevalence: 0.00% (95% CI 0.00; 1.12%)
No carbapenemase-producing E. coli were detected by the specific culture procedures performed by using appropriate selective media and conditions, as recommended in the Dec. 2013/652/EU, and by the EU Reference Laboratory for Antimicrobial Resistance (EURL-AR).
This study is in agreement with the baseline information provided in 2015, and it is of utmost interest, since in Italy, carbapenemase-resistant (CPE-R) Enterobacteriaceae in humans are widespread and are currently considered a major burden among healthcare-associated infectious diseases. In any case, taking into account the sample size and the upper confidence limit, should any CPE-R E. coli had entered the environment of these primary productions, at present it seems they have not been selected by the use of other CIAs such as extended-spectrum cephalosporins at prevalence detectable by the sample size considered by the Dec. 2013/652/EU.

Fattening pigs at slaughter (caecal samples)
Samples available, and tested on selective culture media: 302; samples positive 1; prevalence: 0.33% (95% C.I. 0.01; 1.83%).
One carbapenemase-producing E. coli has been detected for the first time in Italy by the specific culture procedures on cecal samples performed by using appropriate selective media and conditions, as recommended in the Dec. 2013/652/EU and by the EURL-AR.
This finding confirms the need of continuous and specific carbapenemase-producing E. coli monitoring, for the risk of selecting carbapenemase genes/carbapenemase-producing E. coli in the Italian pig industry by the use of several beta-lactams, and especially by the use of third-fourth generation cephalosporins.

Conclusions
On the side of “good news”, even using specific selective culture methods for the isolation of carbapenemase-producing E. coli, none of the samples from veal calves proved to be positive, similarly

to what had been found in 2017. Considering the sample size of the survey, we can conclude that even if these agents had entered these animal primary productions, their selection by the use of other antimicrobial classes (i. e extended-spectrum cephalosporins), in 2019 their prevalence should not exceed around 1% (see 95% upper confidence limit).
In pigs, for the first year since the implementation of the specific carbapenemase-producing E. coli monitoring in Italy (which dates back 2014 in food-producing animals), we were able to detect a carbapenemase-producing producing E. coli from one epidemiological unit at slaughter.
Continuous specific monitoring of carbapenemase-producing E. coli in the intensive animal farming settings is advisable, since these carbapenemase-resistant bacteria have been found, in other EU MSs, although at very low prevalences just as occurred in Italy in 2019.

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; Escherichia coli indicator commensal bacterial from meat samples, survey at retail

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

Animal species/productions surveyed:

a. **"fresh" bovine meat at retail**
b. **"fresh" pig meat at retail**

Italy has performed voluntary monitoring E. coli also in 2017.
The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

Cultures for ESBL-AmpC-producing E. coli were performed according to the most recent protocols made available by the EURL-AR, by the implementation of an accredited (ISO 17025) Standard Operational Procedure.
AST was performed by MIC determination, according to the current legislation, the relevant Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, in this National Country Report, by adding comments on clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

6. Results of investigation

"fresh" bovine meat at retail
Samples tested N=294, samples positive 154 isolates available for MIC testing =152.
Fully susceptible isolates were 38.06% (59/155), and the percentage of MDR (3+R) was 36.18% (55/152). **Fluoroquinolone resistance was 22.36% (34/152),** with 35.29% (12/34) showing MICs classified as clinical resistance (CR) according to the EUCAST breakpoints (i. e. MIC ≥2 mg/L).
Extended-spectrum cephalosporin resistance (ESC-R) was detected in 1.97% (3/152) of all isolates tested. Colistin resistance (COL-R) was detected in 6.41% (7/152) of the isolates, often in MDR isolates. No carbapenem-, nor tygecycline-resistant isolates were found.

"fresh" pig meat at retail Isolates randomly selected and tested: n=170, **among N=284 samples tested and n= 177 isolates detected.**
Fully susceptible isolates were 28.23% (48/170), and the percentage of MDR (3+R) was 57.64% (98/170). **Fluoroquinolone resistance was 32.35% (55/170),** with 25.45% (14/55) of the isolates showing MICs classified as clinical resistance (CR) according to the EUCAST breakpoints (i. e. MIC >=2 mg/L).
Extended-spectrum cephalosporin resistance (ESC-R) was detected in 4.11% (7/170) of all isolates tested.
Overall colistin resistance was 0.58% (1/170). No carbapenem-, nor tygecycline-resistant isolates were found.

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; ESBL/AmpC producing Escherichia coli from meat samples, survey at retail

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

Animal species/productions surveyed:
a. "fresh" bovine meat at retail;
b. "fresh" pig meat at retail.

The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical

specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

Cultures for ESBL-AmpC-producing E. coli were performed according to the most recent protocols made available by the EURL-AR, by the implementation of an accredited (ISO 17025) Standard Operational Procedure.
AST was performed by MIC determination, according to the current legislation, the relevant Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, in this National Country Report, by adding comments on clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

6. Results of investigation

"fresh" bovine meat at retail
Samples tested: 294; samples positive 16; prevalence: 5.44% (95% C. I.: 3.14; 8.69%); isolates available for AST: 16
The results of the study demonstrate the presence of ESC-R E. coli, with **a prevalence of 5.44%,** in beef meat at retail.
Almost all isolates were ESBL-producing E. coli. All the isolates but 1 (93.75%, 15/16) were also MDR (3+R). Co-resistance to FQs was found in 62.50% of the isolates (10/16).
No carbapenem-, colistin- or tygecycline resistance was detected among ESC-R isolates.

"fresh" pig meat at retail
Samples tested: 284; samples positive 34; prevalence: 11.97% (95% C. I. 8.43; 16.33 %);
isolates available for AST: 34
A **Prevalence of ESC-R E. coli around 12% has been found in pork meat at retail**. The vast majority were ESBL-producing E. coli. Most (26/34, 76.47%) of the isolates were also MDR (3+R). Co-resistance to FQs was found in 52.94% (18/34) of the isolates, also MDR, and with 27.77% (5/18) of them showing clinical resistance (CR, range 2-16 mg/L, mode 16 mg/L).
Colistin resistance was detected in 8.8% (3/34) of isolates, all with this minimum pattern FOT(TAZ)-COL-CIP. No carbapenem- or tygecycline resistance was detected among ESC-R isolates.

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; Carbapenemase-producing Escherichia coli, from meat samples, survey at retail

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

Animal species/productions surveyed:
a. "fresh" bovine meat at retail
b. "fresh" pig meat at retail

Italy has performed voluntary monitoring of carbapenemase-producing E. coli also in 2017.
The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical

specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

2. Stratification procedure per animal population and food category

The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

3. Randomisation procedure per animal population and food category

The surveys at retail have been conducted according to the Dec. 2013/652/EU, as defined in the National Monitoring Programme on AMR in food-producing animals, and following principles of the Technical specifications on randomised sampling for harmonised monitoring of antimicrobial resistance in zoonotic and commensal bacteria.
https://www.efsa.europa.eu/it/efsajournal/pub/3686

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

Cultures carbapenemase-producing E. coli were performed according to the most recent protocols made available by the EURL-AR, by the implementation of an accredited (ISO 17025) Standard Operational Procedure.
Carbapenemase-producing E. coli were screened by the use of a commercial plate CarbaSmart (bi-plate, bioMèrieux).

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

6. Results of investigation

"fresh" bovine meat at retail
Samples tested on selective culture media: 294; samples positive 0; prevalence: 0.00% (95% CI 0.00-1.25%).
No carbapenemase-producing E. coli were detected by the specific culture procedures performed by using appropriate selective media and conditions, as recommended in the Dec. 2013/652/EU and by the EURL-AR.

"fresh" pig meat at retail
Samples available, and tested on selective culture media: 284; samples positive 0; prevalence: 0.00% (95% CI 0.00-1.29%).
No carbapenemase-producing E. coli were detected by the specific culture procedures performed by using appropriate selective media and conditions, as recommended in the Dec. 2013/552/EU and by the EURL-AR.

Conclusions
There is no significant decrease in prevalence of ESC-R, ESBL/AmpC-producing E. coli in both bovine and pig meat sampled at retail in 2019. This is most likely a consequence of the stability of these populations in primary productions, as supported by the results of the two surveys performed in caecal samples at slaughter. Of concern, in pigs, are the co-resistances to colistin (8.8%) and fluoroquinolones in the ESBL/AmpC-producing E. coli subpopulation.

7. Additional information

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General Description of Antimicrobial Resistance Monitoring*; Salmonella spp from carcases swab, from monitoring at slaughter

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

Animal species/productions surveyed:

a. Fattening pigs at slaughter (carcases swab samples).

The National Monitoring Programme on AMR in food-producing animals and foodstuffs, in accordance with the Dec. 2013/652/EU includes Salmonella isolates from carcases of pigs sampled at slaughter from which AST should be reported for AMR monitoring. a: isolates for carcases of fattening pigs sampled for testing and verification of compliance, in accordance with point 2.1.4 of Chapter 2 of Annex I to Regulation (EC) No 2073/2005 Regulation 2073/2005/EC; and b. official carcase samples taken at slaughter by local CA following Reg. 218/2014.
Official laboratories within the National Health Service (official laboratories within the network of Istituti Zooprofilattici Sperimentali, analysing both official and own checks samples), or private laboratories (own checks) usually perform the analysis for the detection of Salmonella in matrices of animal origin.
The Italian National Reference Laboratory for Antimicrobial Resistance (NRL-AR), Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri" (IZSLT), Rome receives from the network of Istituti Zooprofilattici Sperimentali, both the metadata and the Salmonella isolates for AST.

2. Stratification procedure per animal population and food category

Food samples are generally sampled according to Reg. N° 2073/2005, at least for the food categories included in this piece of legislation. Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives and are not harmonized at national level.

3. Randomisation procedure per animal population and food category

Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives and are not harmonized at national level.

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

Samples are tested by using molecular methods (PCR), the microbiological method described in ISO 6579 or combining both of these methods

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

AST was performed by MIC determination, according to the current legislation, and the relevant International Standards, and the protocols developed by the EURL-AR. Results have been interpreted according to epidemiological cut-offs (and in some cases, , in this National Country Report by adding comments on MICs in the range of clinical breakpoints) available in the Annex of the Dec. 2013/652/EU.

6. Results of investigation

Fattening pigs at slaughter (carcase swab samples).
197 Salmonella spp. isolates detected from carcase swab from pigs were AS tested at the NRL-AR, including 1 Enteritidis, 6 S. Typhimurium and n=59 monophasic S. Typhimurium. Other dominant serovars were S. Derby (n=55) and S. Rissen (n=22).
Fully susceptible isolates from meat were 35.53% (70/197), and the percentage of MDR (3+R) reached 21.31% of all isolates tested (42/197). Considering isolates with very high sulfamethoxazole (SMX) MIC (≥512 mg/L), MDR (3+R) rate exceeded 35% (39.59% 78/197).
Two ESC resistant monophasic S. Typhimurium were detected (1.01%), and FQ resistance was 8.12% (16/197), always detected in multidrug-resistant isolates.
One colistin resistant Salmonella spp. was detected, while no carbapenem-, or tygecycline-resistant isolates were found.

Conclusions
These data confirm the presence and spread of MDR Salmonella spp. in the fattening pig industry. The figures of MDR rates have not significantly changed from 2017. The presence of MDR S. Typhimurium, including monophasic variant (both often penta-resistant and tetra-resistant), largely influenced the MDR rates and should be consider for risk management purposes. Noteworthy, two monophasic Salmonella Typhimurium isolates (around 1% of all isolates tested, and 3,4% of all monophasic STM) were confirmed as ESBL-producing.

7. Additional information

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