ZOONOSES MONITORING

Spain

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

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

IN 2023

PREFACE

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

The report contains information on trends and sources of zoonoses and zoonotic agents in Spain during the year 2023.

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

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

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

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

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ANIMAL POPULATION TABLES

Table Susceptible animal population

Animal species	Category of animals	Population	
		holding	animal
Cattle (bovine animals)	Cattle (bovine animals)	112,167	5,352,474
	Cattle (bovine animals) - calves (under 1 year)	16,716	2,347,020
	Cattle (bovine animals) - dairy cows and heifers	10,756	780,962
	Cattle (bovine animals) - meat production animals	84,695	2,224,492
Deer	Deer - farmed	664	14,922
Ducks	Ducks	125	175,443
	Ducks - laying ducks	33	2,372
	Ducks - meat production flocks	89	171,955
	Ducks - parent breeding flocks	3	1,116
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks for broiler production line	105	5,896,953
	Gallus gallus (fowl) - breeding flocks for egg production line	265	616,832
	Gallus gallus (fowl) - breeding flocks, unspecified	370	6,513,785
	Gallus gallus (fowl) - broilers	4,608	175,362,501
	Gallus gallus (fowl) - grandparent breeding flocks for broiler production line	28	1,166,106
	Gallus gallus (fowl) - grandparent breeding flocks for egg production line	14	235,507
	Gallus gallus (fowl) - grandparent breeding flocks, unspecified - unspecified	42	1,401,613
	Gallus gallus (fowl) - laying hens	1,795	39,929,988
	Gallus gallus (fowl) - parent breeding flocks for broiler production line	309	6,459,885
	Gallus gallus (fowl) - parent breeding flocks for egg production line	43	20,084,221
	Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified	352	26,544,106
Geese	Geese	117	7,606
	Geese - laying geese	45	5,023
	Geese - meat production flocks	70	2,271
	Geese - parent breeding flocks	2	312
Pigs	Pigs	54,130	30,036,265
	Pigs - breeding animals	4,028	4,045,890
	Pigs - breeding animals - unspecified - sows and boars	423	2,344,120
	Pigs - fattening pigs	39,417	20,002,158
	Pigs - mixed herds	10,262	3,644,097
Small ruminants	Goats	57,290	4,327,168

Animal species	Category of animals	Population	
		holding	animal
Small ruminants	Goats - animals over 1 year		1,958,379
	Goats - animals under 1 year	616	410,410
	Goats - meat production animals	51,335	1,370,865
	Goats - milk goats	5,339	587,514
	Sheep	191,048	25,373,584
	Sheep - animals over 1 year		11,345,585
	Sheep - animals under 1 year (lambs)	1,150	2,682,415
	Sheep - meat production animals	89,158	3,403,675
	Sheep - milk ewes	5,216	7,941,909
Solipeds, domestic	Solipeds, domestic - horses	190,256	643,822
Turkeys	Turkeys	817	7,580,669
	Turkeys - meat production flocks	802	7,421,831
	Turkeys - parent breeding flocks	15	158,838
Wild boars	Wild boars - farmed	499	7,566

DISEASE STATUS TABLES

TABLE NAME	REGION	Zoonotic Agent	DISEASE STATUS UNIT	Number of herds with status officially free	Number of infected herds	Total number of herds
Bovine brucellosis in countries and regions that do not receive Community co-financing for eradication programme	SPAIN	Brucella		97,710	0	97,710

TABLE NAME	REGION	Zoonotic Agent	DISEASE STATUS UNIT	Number of herds with status officially free	Number of infected herds	Total number of herds
Ovine or Caprine brucellosis in countries and regions that do not receive Community co-financing for eradication programme	SPAIN	Brucella suis		103,966	0	103,966

DISEASE STATUS TABLES

TABLE NAME	REGION	Zoonotic Agent	DISEASE STATUS UNIT	Number of herds with status officially free	Number of infected herds	Total number of herds
Bovine tuberculosis in countries and regions that do not receive Community co-financing for eradication programme	SPAIN	Mycobacterium tuberculosis complex (MTC)		94,385	1,418	97,580
	Galicia	Mycobacterium tuberculosis complex (MTC)		25,972	5	25,978
	Principado de Asturias	Mycobacterium tuberculosis complex (MTC)		13,968	16	13,971
	Cantabria (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		6,007	19	6,019
	País Vasco	Mycobacterium tuberculosis complex (MTC)		4,608	0	4,608
	Comunidad Foral de Navarra	Mycobacterium tuberculosis complex (MTC)		1,451	1	1,451
	La Rioja (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		265	12	292
	Aragón	Mycobacterium tuberculosis complex (MTC)		3,147	4	3,150
	Comunidad de Madrid (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		1,221	32	1,300
	Ávila	Mycobacterium tuberculosis complex (MTC)		2,528	57	2,683
	Burgos (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		909	1	909
	León	Mycobacterium tuberculosis complex (MTC)		1,861	1	1,861
	Palencia (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		496	2	507
	Salamanca (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		4,849	236	5,493
	Segovia (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		1,316	15	1,367
	Soria	Mycobacterium tuberculosis complex (MTC)		263	2	273
	Valladolid (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		371	0	371
	Zamora (NUTS level 3)	Mycobacterium tuberculosis complex (MTC)		1,079	3	1,114
	Castilla-La Mancha	Mycobacterium tuberculosis complex (MTC)		2,432	167	3,060
	Extremadura	Mycobacterium tuberculosis complex (MTC)		9,241	455	10,229
	Cataluña	Mycobacterium tuberculosis complex (MTC)		4,647	4	4,648
	Comunitat Valenciana	Mycobacterium tuberculosis complex (MTC)		542	2	552
	Illes Balears	Mycobacterium tuberculosis complex (MTC)		526	0	526
	Andalucía	Mycobacterium tuberculosis complex (MTC)		5,732	384	6,264
	Región de Murcia	Mycobacterium tuberculosis complex (MTC)		314	0	314
	Canarias (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)		640	0	640

PREVALENCE TABLES

Table BRUCELLA:Brucella in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Badgers - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	42	0	Brucella	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	40	0	Brucella	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	81	0	Brucella	0
	Foxes - wild - Hunting - Spain - animal sample - organ/tissue - Unspecified - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	1	0	Brucella	0
	Pigs - Farm - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	herd/flock	642	4	Brucella suis - biovar 2	4
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	1766	60	Brucella suis - biovar 2	60

Table BRUCELLA:Brucella in food

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

Table CAMPYLOBACTER:Campylobacter in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	N_A	Not Available	slaughter animal batch	396	113	Campylobacter coli	23
							Campylobacter jejuni	90
	Pigs - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	N_A	Not Available	slaughter animal batch	409	184	Campylobacter coli	182
							Campylobacter jejuni	3

Table CAMPYLOBACTER:Campylobacter in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	7	0	Campylobacter	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	Immunological detection or quantification method	5	0	Campylobacter	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - spreadable - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 10272-2:2017 Campylobacter	7	0	Campylobacter	0
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	3	0	Campylobacter	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	15	15	Campylobacter, unspecified sp.	15

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	110	27	Campylobacter coli	13
									Campylobacter jejuni	13
									Campylobacter, unspecified sp.	2
					Data from Euskadi	ISO 10272-2:2017 Campylobacter	135	39	Campylobacter coli	6
									Campylobacter jejuni	3
									Campylobacter, unspecified sp.	30
					Data from Extremadura	ISO 10272-2:2017 Campylobacter	45	4	Campylobacter, unspecified sp.	4
					Data from La Rioja	ISO 10272-2:2017 Campylobacter	50	50	Campylobacter, unspecified sp.	50
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	38	38	Campylobacter, unspecified sp.	38
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	ISO 10272-2:2017 Campylobacter	1400	193	Campylobacter, unspecified sp.	193
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1175	145	Campylobacter, unspecified sp.	145
					DATA FROM CMADRID	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	685	560	Campylobacter, unspecified sp.	560
					Data from Navarra	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	500	422	Campylobacter, unspecified sp.	422
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 10272-2:2017 Campylobacter	150	73	Campylobacter, unspecified sp.	73
					Data from Comunidad Valenciana	ISO 10272-2:2017 Campylobacter	260	148	Campylobacter, unspecified sp.	148
					Data from Navarra	ISO 10272-2:2017 Campylobacter	300	218	Campylobacter, unspecified sp.	218
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	165	17	Campylobacter, unspecified sp.	17
	Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	10	5	Campylobacter, unspecified sp.	5
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 10272-2:2017 Campylobacter	90	4	Campylobacter coli	1
									Campylobacter jejuni	3
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	6	2	Campylobacter, unspecified sp.	2

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Principado de Asturias	ISO 10272-1:2017 Campylobacter	10	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	6	3	Campylobacter jejuni	3
	Meat from broilers (Gallus gallus) - fresh - with skin - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Principado de Asturias	ISO 10272-1:2017 Campylobacter	20	14	Campylobacter coli	1
									Campylobacter jejuni	12
									Campylobacter lari	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	3	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	35	10	Campylobacter, unspecified sp.	10
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	5	2	Campylobacter, unspecified sp.	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	9	1	Campylobacter coli	1
	Meat from horse - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from other poultry species - meat preparation - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	4	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	23	0	Campylobacter	0
	Meat from pig - meat products - fresh raw sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	1	1	Campylobacter, unspecified sp.	1
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Meat from pig - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from quails - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Meat from rabbit - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	3	2	Campylobacter coli	2
	Meat from sheep - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 10272-1:2017 Campylobacter	50	9	Campylobacter coli	5
									Campylobacter jejuni	4
	Meat from turkey - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	26	12	Campylobacter, unspecified sp.	12

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	10	0	Campylobacter	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 10272-2:2017 Campylobacter	50	1	Campylobacter jejuni	1
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Milk, cows' - raw milk - intended for direct human consumption - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Catalunya	ISO 10272-2:2017 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	10	0	Campylobacter	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	8	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	Immunological detection or quantification method	12	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	Immunological detection or quantification method	3	0	Campylobacter	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya-ASPB	ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0

Table COXIELLA: in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Method	total units tested	total units positive	Number of Clinical Affected Herds	Zoonoses	N units positive
SPAIN	Cattle (bovine animals) - dairy cows - adult - Farm - Spain - animal sample - vaginal swab - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	PCR	76	10	4	Coxiella burnetii	10
	Goats - Farm - Spain - animal sample - vaginal swab - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	PCR	504	200	176	Coxiella burnetii	200
	Sheep - Farm - Spain - animal sample - vaginal swab - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	PCR	1374	397	389	Coxiella burnetii	397

Table CRONOBACTER:Cronobacter in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 22964:2017 Cronobacter	30	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	PCR	2	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	3	0	Cronobacter	0
					Data from Euskadi	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 22964:2017 Cronobacter	30	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM MURCIA	ISO 22964:2017 Cronobacter	10	0	Cronobacter	0
					Data from Principado de Asturias	ISO 22964:2017 Cronobacter	90	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	PCR	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
					Data from Castilla-La Mancha	ISO 22964:2017 Cronobacter	6	0	Cronobacter	0
					DATA FROM CMADRID _AYTOMADRID	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0
					Data from Galicia	ISO 22964:2017 Cronobacter	20	0	Cronobacter	0
					Data from Illes Balears	ISO 22964:2017 Cronobacter	14	0	Cronobacter	0
					Datafrom Castilla y León	ISO 22964:2017 Cronobacter	35	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	27	0	Cronobacter	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	12	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 22964:2017 Cronobacter	14	0	Cronobacter	0
					Data from Catalunya	ISO 22964:2017 Cronobacter	8	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 22964:2017 Cronobacter	180	0	Cronobacter	0
					Datafrom Castilla y León	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	3	0	Cronobacter	0

Table CYSTICERCUS:Cysticercus in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	118611	2	Cysticercus, unspecified sp.	2
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	21038	1	Cysticercus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	278600	0	Cysticercus	0
		Data from Euskadi	Visual inspection	animal	36135	0	Cysticercus	0
		Data from Extremadura	Visual inspection	animal	108133	0	Cysticercus	0
		Data from Galicia	Visual inspection	animal	375152	681	Cysticercus, unspecified sp.	681
		Data from Navarra	Visual inspection	animal	56824	46	Cysticercus, unspecified sp.	46
		Data from Principado de Asturias	Visual inspection	animal	33998	1	Cysticercus, unspecified sp.	1
		Data fron Murcia	Visual inspection	animal	69314	0	Cysticercus	0
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	27651	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	11814	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	2587	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	89599	1	Cysticercus, unspecified sp.	1
		Data from Castilla-La Mancha	Visual inspection	animal	188815	51	Cysticercus, unspecified sp.	51
		Data from Catalunya	Visual inspection	animal	500057	19	Cysticercus, unspecified sp.	19
		Data from Madrid	Visual inspection	animal	123782	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Suspect sampling	Data from Catalunya	Histology	animal	9	3	Cysticercus of Taenia saginata	3
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	307627	0	Cysticercus	0
	Deer - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3735	0	Cysticercus	0
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	8071	0	Cysticercus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	25	0	Cysticercus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	454	0	Cysticercus	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	81175	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	37778	0	Cysticercus	0
		Data from Extremadura	Visual inspection	animal	58195	0	Cysticercus	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	36532	3	Cysticercus, unspecified sp.	3
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	72	0	Cysticercus	0
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	848	0	Cysticercus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Deer - wild - roe deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	2632	0	Cysticercus	0
		Data from Catalunya	Visual inspection	animal	1271	1	Cysticercus, unspecified sp.	1
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	2	0	Cysticercus	0
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	17381	971	Cysticercus, unspecified sp.	971
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	70951	4106	Cysticercus, unspecified sp.	4,106
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	10926	0	Cysticercus	0
		Data from Galicia	Visual inspection	animal	5844	61	Cysticercus, unspecified sp.	61
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	514	0	Cysticercus	0
	Goats - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	42638	37	Cysticercus, unspecified sp.	37
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	507316	819	Cysticercus, unspecified sp.	819
		Data from Castilla-La Mancha	Visual inspection	animal	93036	3301	Cysticercus, unspecified sp.	3,301
		Data from Catalunya	Visual inspection	animal	71667	2749	Cysticercus, unspecified sp.	2,749
		Data from Madrid	Visual inspection	animal	10027	952	Cysticercus, unspecified sp.	952
	Mouflons - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	4	0	Cysticercus	0
	Mouflons - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	201	0	Cysticercus	0
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	5045	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	3537	0	Cysticercus	0
		Data from Catalunya	Visual inspection	animal	217	0	Cysticercus	0
	Mountain goats - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	1	0	Cysticercus	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	70148	0	Cysticercus	0
		Data from Comunidad Valenciana	Visual inspection	animal	460	0	Cysticercus	0
		Data fron Murcia	Visual inspection	animal	51850	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Backyard - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	12	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	1956	12	Cysticercus, unspecified sp.	12
		Data from Extremadura	Visual inspection	animal	4306	26	Cysticercus, unspecified sp.	26
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	936480	0	Cysticercus	0
		Data from Madrid	Visual inspection	animal	3279	3	Cysticercus, unspecified sp.	3
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	4893	0	Cysticercus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3115358	527	Cysticercus, unspecified sp.	527
		Data from CANTABRIA	Visual inspection	animal	488	0	Cysticercus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	5387466	7	Cysticercus of Taenia solium	1
							Cysticercus, unspecified sp.	6
		Data from Comunidad Valenciana	Visual inspection	animal	1143309	2	Cysticercus of Taenia solium	2
		Data from Euskadi	Visual inspection	animal	12009	0	Cysticercus	0
		Data from Extremadura	Visual inspection	animal	497607	3	Cysticercus, unspecified sp.	3
		Data from Galicia	Visual inspection	animal	866386	1	Cysticercus, unspecified sp.	1
		Data from Madrid	Visual inspection	animal	314425	0	Cysticercus	0
		Data from Navarra	Visual inspection	animal	51074	35	Cysticercus, unspecified sp.	35
		Data from Principado de Asturias	Visual inspection	animal	45059	0	Cysticercus	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	56360	5	Cysticercus, unspecified sp.	5
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	3905017	149	Cysticercus, unspecified sp.	149
		Data from Catalunya	Visual inspection	animal	21963386	3055	Cysticercus, unspecified sp.	3,055
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	302684	4776	Cysticercus, unspecified sp.	4,776
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2679928	40801	Cysticercus, unspecified sp.	40,801
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	211628	0	Cysticercus	0
		Data from Galicia	Visual inspection	animal	29163	396	Cysticercus, unspecified sp.	396
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	807	0	Cysticercus	0
	Sheep - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	247	0	Cysticercus	0
	Sheep - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	10939	0	Cysticercus	0
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	504979	2234	Cysticercus, unspecified sp.	2,234
		Data from Castilla-La Mancha	Visual inspection	animal	1172116	51557	Cysticercus, unspecified sp.	51,557
		Data from Catalunya	Visual inspection	animal	924253	39805	Cysticercus, unspecified sp.	39,805
		Data from Madrid	Visual inspection	animal	87032	5701	Cysticercus, unspecified sp.	5,701
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	595	0	Cysticercus	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	112	0	Cysticercus	0
		Data from Castilla y León	Visual inspection	animal	3540	2	Cysticercus, unspecified sp.	2
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	650	0	Cysticercus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	55572	2	Cysticercus, unspecified sp.	2
		Data from Castilla y León	Visual inspection	animal	10	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	47376	0	Cysticercus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	17298	83	Cysticercus, unspecified sp.	83
		Data from Extremadura	Visual inspection	animal	47614	0	Cysticercus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	421	0	Cysticercus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	19816	4	Cysticercus, unspecified sp.	4
		Data from Madrid	Visual inspection	animal	1361	0	Cysticercus	0

Table ECHINOCOCCUS:Echinococcus in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	118611	1115	Echinococcus granulosus sensu lato	1,115
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	21038	0	Echinococcus	0
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - Not Available - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Navarra	Visual inspection	animal	56824	481	Echinococcus granulosus sensu lato	481
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	Visual inspection	animal	36135	16	Echinococcus granulosus sensu lato	16
		Data from Extremadura	Visual inspection	animal	108133	1908	Echinococcus granulosus sensu lato	1,908
		Data from Galicia	Visual inspection	animal	375152	3638	Echinococcus granulosus sensu lato	3,638
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	27651	85	Echinococcus granulosus sensu lato	85
	Cattle (bovine animals) - others - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	33998	74	Echinococcus granulosus sensu lato	74
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	500057	144	Echinococcus granulosus sensu lato	144
		Data from La Rioja	Visual inspection	animal	6676	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	2587	27	Echinococcus granulosus sensu lato	27
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	89599	330	Echinococcus granulosus sensu lato	330
		Data from Castilla-La Mancha	Visual inspection	animal	188815	565	Echinococcus granulosus sensu lato	565
		Data from Comunidad Valenciana	Visual inspection	animal	278600	42	Echinococcus granulosus sensu lato	42
		Data from Madrid	Visual inspection	animal	123782	3751	Echinococcus granulosus sensu lato	3,751
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	307627	47	Echinococcus granulosus sensu lato	47
	Deer - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3735	0	Echinococcus	0
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	8071	0	Echinococcus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	25	0	Echinococcus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	454	0	Echinococcus	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	81175	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	37778	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	58195	0	Echinococcus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	17	0	Echinococcus	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	36532	0	Echinococcus	0
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	72	1	Echinococcus granulosus sensu lato	1
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	848	0	Echinococcus	0
	Deer - wild - roe deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	2632	0	Echinococcus	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	2	0	Echinococcus	0
	Deer - wild - roe deer - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	1271	0	Echinococcus	0
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	17381	70	Echinococcus granulosus sensu lato	70
		Data from Murcia	Visual inspection	animal	26417	140	Echinococcus granulosus sensu lato	140
		Data from Principado de Asturias	Visual inspection	animal	1090	0	Echinococcus	0
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	70951	49	Echinococcus granulosus sensu lato	49
		Data from Principado de Asturias	Visual inspection	animal	2197	0	Echinococcus	0
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	37198	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	10926	6	Echinococcus granulosus sensu lato	6
		Data from Galicia	Visual inspection	animal	5844	3	Echinococcus granulosus sensu lato	3
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	514	0	Echinococcus	0
	Goats - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	71667	3	Echinococcus granulosus sensu lato	3
		Data from La Rioja	Visual inspection	animal	275998	24	Echinococcus granulosus sensu lato	24
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	507316	3046	Echinococcus granulosus sensu lato	3,046
		Data from Castilla-La Mancha	Visual inspection	animal	93036	235	Echinococcus granulosus sensu lato	235
		Data from Madrid	Visual inspection	animal	10027	5	Echinococcus granulosus sensu lato	5
	Mouflons - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	4	0	Echinococcus	0
	Mouflons - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	201	0	Echinococcus	0
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	5045	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	3537	0	Echinococcus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Mouflons - wild - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	217	0	Echinococcus	0
	Mountain goats - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	1	0	Echinococcus	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - outdoors - boars - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Galicia	Visual inspection	animal	866386	1	Echinococcus granulosus sensu lato	1
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	70148	45	Echinococcus granulosus sensu lato	45
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Backyard - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	12	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	1956	59	Echinococcus granulosus sensu lato	59
		Data from Extremadura	Visual inspection	animal	4306	35	Echinococcus granulosus sensu lato	35
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	936480	2	Echinococcus granulosus sensu lato	2
		Data from Madrid	Visual inspection	animal	3279	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	4893	0	Echinococcus	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3115358	54	Echinococcus granulosus sensu lato	54
		Data from CANTABRIA	Visual inspection	animal	488	0	Echinococcus	0
		Data from Castilla y León	Visual inspection	animal	5387466	428	Echinococcus granulosus sensu lato	428
		Data from Extremadura	Visual inspection	animal	497607	259	Echinococcus granulosus sensu lato	259
		Data from Madrid	Visual inspection	animal	314425	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	45059	0	Echinococcus	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	21963386	743	Echinococcus granulosus sensu lato	743
		Data from La Rioja	Visual inspection	animal	23358	0	Echinococcus	0
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	3905017	128	Echinococcus granulosus sensu lato	128
		Data from Comunidad Valenciana	Visual inspection	animal	1144810	0	Echinococcus	0
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	302684	9411	Echinococcus granulosus sensu lato	9,411
		Data from Euskadi	Visual inspection	animal	7818	0	Echinococcus	0
		Data from Murcia	Visual inspection	animal	161353	720	Echinococcus granulosus sensu lato	720
		Data from Principado de Asturias	Visual inspection	animal	1332	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2679928	302	Echinococcus granulosus sensu lato	302

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	Visual inspection	animal	59836	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	7815	4	Echinococcus granulosus sensu lato	4
	Sheep - meat production animals - Slaughterhouse - Not Available - Not Available - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Navarra	Visual inspection	animal	162103	11	Echinococcus granulosus sensu lato	11
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	476524	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	211628	211	Echinococcus granulosus sensu lato	211
		Data from Galicia	Visual inspection	animal	29163	8	Echinococcus granulosus sensu lato	8
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	807	0	Echinococcus	0
	Sheep - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	247	0	Echinococcus	0
	Sheep - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	924253	10	Echinococcus granulosus sensu lato	10
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	504979	6533	Echinococcus granulosus sensu lato	6,533
		Data from Castilla-La Mancha	Visual inspection	animal	1172116	11126	Echinococcus granulosus sensu lato	11,126
		Data from Madrid	Visual inspection	animal	87032	1171	Echinococcus granulosus sensu lato	1,171
	Solipeds, domestic - donkeys - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	8	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	1289	1	Echinococcus granulosus sensu lato	1
		Data from La Rioja	Visual inspection	animal	27	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	595	0	Echinococcus	0
		Data from Comunidad Valenciana	Visual inspection	animal	3954	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	866	0	Echinococcus	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	112	0	Echinococcus	0
		Data from Castilla y León	Visual inspection	animal	3540	0	Echinococcus	0
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	650	0	Echinococcus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	55572	4	Echinococcus granulosus sensu lato	4
		Data from Castilla y León	Visual inspection	animal	10	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	47376	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	47614	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	403	0	Echinococcus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	421	0	Echinococcus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	19816	1	Echinococcus granulosus sensu lato	1
		Data from Madrid	Visual inspection	animal	1361	0	Echinococcus	0

Table ESCHERICHIA COLI:Escherichia coli in food

Section: STEC - food and feed

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Berries and small fruit - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	9	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Broad bean - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	1	STEC, unspecified	H-antigen unknown	stx1, gene identified , subtype unspecified	eae negative	1
	Broad bean - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Chives - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	30	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Coriander - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	70	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Coriander - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Dill - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	40	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Glassworth - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	25	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	7	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	11	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Kidney bean - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Lemon grass - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	40	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals - fresh - chilled - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	70	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - chilled - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	1	STEC O26	H-antigen unknown	stx2, gene identified , subtype unspecified	eae positive	1
	Meat from bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	90	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	85	1	STEC, unspecified	H-antigen unknown	stx1, gene identified , subtype unspecified	eae negative	1
	Meat from bovine animals - fresh - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	70	5	STEC, unspecified	H-antigen unknown	stx1, gene identified , subtype unspecified	eae positive	5
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	30	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	30	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Principado de Asturias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Principado de Asturias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	40	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	9	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from horse - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	4	STEC O111	H-antigen unknown	stx1, gene identified , subtype unspecified	eae positive	1
									STEC O26	H-antigen unknown	stx1, gene identified , subtype unspecified	eae positive	1
									STEC other than O157 O26 O103 O111 O145	H-antigen unknown	stx2, gene identified , subtype unspecified	eae positive	2
	Meat from other poultry species - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - fresh - chilled - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	90	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	18	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	11	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - unspecified, ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from quails - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from rabbit - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Milk, cows' - raw milk - intended for direct human consumption - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Okra - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-time PCR (BAX) followed by Whole Genome Sequencing of the isolate	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Parsley - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	55	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	1	Gram	Data from CANTABRIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	30	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - non-ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	11	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Illes Balears	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	18	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					DATA FROM MURCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Principado de Asturias	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Datafrom Castilla y León	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	102	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	Alternative method validated against the reference method ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	50	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	34	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Datafrom Castilla y León	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Spices and herbs - fresh - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	60	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - leaves - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Datafrom Castilla y León	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	15	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - non-pre-cut - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Sanidad Exterior	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	40	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
					Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	7	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	9	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0
	Vegetables - stem and stalks - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Shiga toxin-producing Escherichia coli (STEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from SANEX	459	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from SANEX	144	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	<=100	Histamine	3	0
								>100 TO <=200	Histamine	3	0
								>200	Histamine	3	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from La Rioja	18	0	<=100	Histamine	18	0
								>100 TO <=200	Histamine	18	0
								>200	Histamine	18	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	18	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	9	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	<=100	Histamine	4	0
								>100 TO <=200	Histamine	4	0
								>200	Histamine	4	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	180	1	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	1
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	9	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Castilla-La Mancha	36	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Comunidad Valenciana	27	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Murcia	180	0	<=100	Histamine	180	0
								>100 TO <=200	Histamine	180	0
								>200	Histamine	180	0
			100	Gram	Data from Principado de Asturias	81	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	126	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	160	11	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	9
								>200	Histamine	0	2
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	9	2	<=100	Histamine	0	2
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	45	0	<=100	Histamine	45	0
								>100 TO <=200	Histamine	45	0
								>200	Histamine	45	0
			25	Gram	Data from CANTABRIA	9	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya_ASPB	10	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
			25	Gram	Data from Catalunya	30	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	9	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	252	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	34	2	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	1
								>200	Histamine	0	1
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	2	2	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	2
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	29	1	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	1
					Data from Castilla-La Mancha	12	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					DATA FROM CMADRID_AYTO MADRID	8	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Euskadi	9	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Extremadura	1	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					Data from Galicia	162	18	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	2
								>200	Histamine	0	16
					Data from Navarra	4	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
			100	Gram	Data from Principado de Asturias	18	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	36	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	27	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	41	1	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	1
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	18	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
					DATA FROM CMADRID_AYTO MADRID	306	25	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	6
								>200	Histamine	0	19

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	72	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from SANEX	738	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from SANEX	441	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	<=200	Histamine	1	0
								>200 TO <=400	Histamine	1	0
								>400	Histamine	1	0
					Data from CANTABRIA	9	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					DATA FROM CMADRID	36	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					Data from Comunidad Valenciana	54	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
			100	Gram	Data from Principado de Asturias	9	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	99	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	36	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	<=200	Histamine	2	0
								>200 TO <=400	Histamine	2	0
								>400	Histamine	2	0
					Data from CANTABRIA	1	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					Data from Castilla y León	1	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					DATA FROM CMADRID	252	2	<=200	Histamine	0	2
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					Data from Extremadura	1	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
			100	Gram	Data from Principado de Asturias	3	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	50	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	27	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	9	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
					DATA FROM CMADRID	36	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - sauce produced by fermentation of fishery products - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	1	<=400	Histamine	0	1
								>400	Histamine	0	0
	Fish - sauce produced by fermentation of fishery products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	2	1	<=400	Histamine	0	1
								>400	Histamine	0	0
					Data from Murcia	1	0	<=400	Histamine	1	0
								>400	Histamine	1	0
	Fish - sauce produced by fermentation of fishery products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	3	0	<=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - sauce produced by fermentation of fishery products - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	2	1	<=400	Histamine	0	1
								>400	Histamine	0	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Bakery products - bread - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	90	0	<=100	Listeria monocytogenes	90	0
								>100	Listeria monocytogenes	90	0
	Bakery products - bread - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
					Data from Comunidad Valenciana	30	0	detection	Listeria monocytogenes	30	0
	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Euskadi	64	0	<=100	Listeria monocytogenes	64	0
								>100	Listeria monocytogenes	64	0
	Bakery products - cakes - containing raw cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - cakes - containing raw cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
					Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Comunidad Valenciana	5	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
					Data from Comunidad Valenciana	5	1	detection	Listeria monocytogenes	5	1
					Data from Comunidad Valenciana - Samples tested only by detection method	35	0	detection	Listeria monocytogenes	35	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	9	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Euskadi	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Principado de Asturias	70	0	<=100	Listeria monocytogenes	70	0
								>100	Listeria monocytogenes	70	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	9	1	detection	Listeria monocytogenes	9	1
					Data from Illes Balears	15	0	detection	Listeria monocytogenes	15	0
					Data from La Rioja	20	0	detection	Listeria monocytogenes	20	0
	Bakery products - cakes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Bakery products - cakes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Bakery products - desserts - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	62	0	<=100	Listeria monocytogenes	62	0
								>100	Listeria monocytogenes	62	0
	Bakery products - desserts - containing raw cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Bakery products - desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	13	0	<=100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
					Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Bakery products - desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	30	0	detection	Listeria monocytogenes	30	0
	Bakery products - desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Bakery products - pastry - biscuits - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - pastry - biscuits - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					Data from Castilla-La Mancha. Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
					Data from Comunidad Valenciana	45	0	detection	Listeria monocytogenes	45	0
	Bakery products - pastry - made with raw eggs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Bakery products - pastry - made with raw eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	80	0	detection	Listeria monocytogenes	80	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León_samples only tested by detection method	15	0	detection	Listeria monocytogenes	15	0
	Beet - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Blueberries - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	1	1	detection	Listeria monocytogenes	1	1
	Carrot - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Carrot - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cereals and meals - flakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheese sauce - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheese sauce - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - curd - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - curd - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					DATA FROM CMADRID	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0
					Data from Euskadi	20	0	detection	Listeria monocytogenes	20	0
					Data from Galicia	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					DATA FROM CMADRID	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Galicia	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
					Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	85	0	detection	Listeria monocytogenes	85	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	27	0	<=100	Listeria monocytogenes	27	0
								>100	Listeria monocytogenes	27	0
	Cheeses made from cows' milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	27	0	detection	Listeria monocytogenes	27	0
	Cheeses made from cows' milk - fresh - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					DATA FROM CMADRID_AYTO MADRID	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Euskadi	18	0	<=100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	60	0	detection	Listeria monocytogenes	60	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	15	0	detection	Listeria monocytogenes	15	0
					Data from Castilla-La Mancha	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Murcia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana - Samples tested only by detection method	50	0	detection	Listeria monocytogenes	50	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	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 units tested	N units positive
Not Available	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	60	0	detection	Listeria monocytogenes	60	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					DATA FROM CMADRID	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Euskadi	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León_samples only tested by detection method	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	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 units tested	N units positive
Not Available	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	125	4	<=100	Listeria monocytogenes	4	4
								>100	Listeria monocytogenes	4	0
					Data from Extremadura	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	125	4	detection	Listeria monocytogenes	125	4
					Data from Extremadura	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
	Cheeses made from sheep's milk - hard - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - unspecified - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	30	0	detection	Listeria monocytogenes	30	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	20	0	detection	Listeria monocytogenes	20	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - curd - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	30	0	detection	Listeria monocytogenes	30	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	35	3	detection	Listeria monocytogenes	35	3
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	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 - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	230	0	detection	Listeria monocytogenes	230	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	400	0	<=100	Listeria monocytogenes	400	0
								>100	Listeria monocytogenes	400	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	35	0	detection	Listeria monocytogenes	35	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Confectionery products and pastes - chocolate-based product - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Confectionery products and pastes - hard candy - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Confectionery products and pastes - hard candy - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Confectionery products and pastes - soft candy - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
	Confectionery products and pastes - soft candy - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Crustaceans - prawns - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	30	0	detection	Listeria monocytogenes	30	0
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - prawns - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Crustaceans - prawns - cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - shrimps - cooked - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - shrimps - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Crustaceans - shrimps - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Crustaceans - shrimps - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0
	Crustaceans - shrimps - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Crustaceans - shrimps - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Crustaceans - shrimps - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Crustaceans - unspecified - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - unspecified - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - butter - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	1	detection	Listeria monocytogenes	5	1
	Dairy products (excluding cheeses) - cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
	Dairy products (excluding cheeses) - dairy desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Murcia	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Dairy products (excluding cheeses) - dairy desserts - frozen - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - dairy desserts - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	15	0	detection	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - fermented dairy products - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					DATA FROM CMADRID	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
					Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	35	0	detection	Listeria monocytogenes	35	0
					Data from Castilla-La Mancha. Samples tested only by detection method	30	1	detection	Listeria monocytogenes	30	1
					Data from Galicia	35	0	detection	Listeria monocytogenes	35	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Catalunya_samples tested only by enumeration method	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	145	0	<=100	Listeria monocytogenes	145	0
								>100	Listeria monocytogenes	145	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	40	0	detection	Listeria monocytogenes	40	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Galicia	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0
					Data from Principado de Asturias	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	24	0	detection	Listeria monocytogenes	24	0
					Data from Castilla y León	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
					Data from Euskadi	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Dairy products (excluding cheeses) - yoghurt - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - yoghurt - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
					Data from Euskadi	40	0	detection	Listeria monocytogenes	40	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Egg products - liquid - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - canned - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Fish - gravad /slightly salted - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Fish - gravad /slightly salted - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	30	0	detection	Listeria monocytogenes	30	0
	Fish - gravad /slightly salted - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	1	<=100	Listeria monocytogenes	10	1
								>100	Listeria monocytogenes	10	0
	Fish - gravad /slightly salted - Storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Fish - marinated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Fish - marinated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Fish - marinated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	2	1	<=100	Listeria monocytogenes	2	1
								>100	Listeria monocytogenes	2	0
	Fish - marinated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	1	detection	Listeria monocytogenes	2	1
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fish - smoked - cold-smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	10	8	detection	Listeria monocytogenes	10	8
	Fish - smoked - cold-smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	25	1	<=100	Listeria monocytogenes	25	1
								>100	Listeria monocytogenes	25	0
	Fish - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	9	0	detection	Listeria monocytogenes	9	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Castilla-La Mancha	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Illes Balears	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	20	0	detection	Listeria monocytogenes	20	0
	Fish - smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Fishery products, unspecified - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fishery products, unspecified - ready-to-eat - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	270	0	<=100	Listeria monocytogenes	270	0
								>100	Listeria monocytogenes	270	0
	Fishery products, unspecified - ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fishery products, unspecified - ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	45	0	detection	Listeria monocytogenes	45	0
	Fishery products, unspecified - ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Fishery products, unspecified - ready-to-eat - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	45	0	detection	Listeria monocytogenes	45	0
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	25	0	detection	Listeria monocytogenes	25	0
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	335	1	<=100	Listeria monocytogenes	335	0
								>100	Listeria monocytogenes	335	1
	Fishery products, unspecified - ready-to-eat - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	70	0	<=100	Listeria monocytogenes	70	0
								>100	Listeria monocytogenes	70	0
	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	55	7	<=100	Listeria monocytogenes	7	7
								>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 units tested	N units positive
Not Available	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana - Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	55	7	detection	Listeria monocytogenes	55	7
					Data from Euskadi	20	0	detection	Listeria monocytogenes	20	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	125	0	<=100	Listeria monocytogenes	125	0
								>100	Listeria monocytogenes	125	0
					Data from Euskadi	27	1	<=100	Listeria monocytogenes	27	1
								>100	Listeria monocytogenes	27	0
					Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana - Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Fishery products, unspecified - smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	3	1	<=100	Listeria monocytogenes	3	1
								>100	Listeria monocytogenes	3	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fishery products, unspecified - smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	1	detection	Listeria monocytogenes	3	1
	Follow-on formulae - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	20	0	detection	Listeria monocytogenes	20	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	4	0	detection	Listeria monocytogenes	4	0
	Follow-on formulae - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	30	0	detection	Listeria monocytogenes	30	0
					Data from Extremadura	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	9	0	detection	Listeria monocytogenes	9	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	3	0	detection	Listeria monocytogenes	3	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	30	0	detection	Listeria monocytogenes	30	0
					Data from Comunidad Valenciana	2	0	detection	Listeria monocytogenes	2	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	40	0	detection	Listeria monocytogenes	40	0
					Data from Castilla-La Mancha. Samples tested only by detection method	3	0	detection	Listeria monocytogenes	3	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Murcia	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	17	2	<=100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	17	2	detection	Listeria monocytogenes	17	2
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Fruits - pre-cut - ready-to-eat - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	15	0	detection	Listeria monocytogenes	15	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Illes Balears	24	0	<=100	Listeria monocytogenes	24	0
								>100	Listeria monocytogenes	24	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	24	0	detection	Listeria monocytogenes	24	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Fruits - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Fruits - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fruits - products - fruit purée - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	20	0	detection	Listeria monocytogenes	20	0
	Fruits - products - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Fruits and vegetables - pre-cut - ready-to-eat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Euskadi	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Infant formula - dried - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Infant formula - dried - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	30	0	detection	Listeria monocytogenes	30	0
	Infant formula - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Infant formula - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	9	0	detection	Listeria monocytogenes	9	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	30	0	detection	Listeria monocytogenes	30	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	11	0	detection	Listeria monocytogenes	11	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
					Data from Euskadi	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana - Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	180	0	detection	Listeria monocytogenes	180	0
					Data from Comunidad Valenciana	3	0	detection	Listeria monocytogenes	3	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	180	0	detection	Listeria monocytogenes	180	0
	Infant formula - liquid - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Infant formula - liquid - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
					Data from Catalunya_samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - liquid - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Infant formula - liquid - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
					Data from Illes Balears	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 units tested	N units positive
Not Available	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	50	0	detection	Listeria monocytogenes	50	0
				Millilitre	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
	Juice - fruit juice - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Juice - fruit juice - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Castilla-La Mancha	6	0	detection	Listeria monocytogenes	6	0
	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	140	0	<=100	Listeria monocytogenes	140	0
								>100	Listeria monocytogenes	140	0
	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
					Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
				Millilitre	DATA FROM CMADRID	100	0	<=100	Listeria monocytogenes	100	0
								>100	Listeria monocytogenes	100	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	8	0	detection	Listeria monocytogenes	8	0
	Juice - mixed juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
				Millilitre	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Juice - mixed juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	40	0	detection	Listeria monocytogenes	40	0
	Juice - vegetable juice - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya_Tiger nut drink	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Juice - vegetable juice - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_Tiger nut drink	1	0	detection	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
	Lettuce, head - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
	Live bivalve molluscs - unspecified - depurated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	26	0	<=100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from bovine animals and pig - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from bovine animals and pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat products - preserved - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	140	0	<=100	Listeria monocytogenes	140	0
								>100	Listeria monocytogenes	140	0
	Meat from deer (venison) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from duck - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	18	0	<=100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0
	Meat from farmed game - ratites - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from horse - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Meat from pig - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	1	<=100	Listeria monocytogenes	5	1
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	25	5	detection	Listeria monocytogenes	25	5
	Meat from pig - meat preparation - intended to be eaten raw - chilled - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat preparation - intended to be eaten raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0
	Meat from pig - meat products - cooked ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked ham - sliced - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	18	1	<=100	Listeria monocytogenes	18	1
								>100	Listeria monocytogenes	18	0
					Data from Extremadura	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	85	1	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana - Samples tested only by enumeration method	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
					Data from Illes Balears	30	5	<=100	Listeria monocytogenes	30	2
								>100	Listeria monocytogenes	30	3
					Data from Murcia	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	85	1	detection	Listeria monocytogenes	85	1
					Data from Comunidad Valenciana - Samples tested only by detection method	30	0	detection	Listeria monocytogenes	30	0
					Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
					Data from Illes Balears	30	5	detection	Listeria monocytogenes	30	5
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Unknown - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	65	3	<=100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	3
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	26	0	detection	Listeria monocytogenes	26	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
					Data from Catalunya_ASPB	28	3	<=100	Listeria monocytogenes	3	2
								>100	Listeria monocytogenes	3	1
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	3	0	detection	Listeria monocytogenes	3	0
					Data from Catalunya_ASPB	28	3	detection	Listeria monocytogenes	28	3
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	182	34	<=100	Listeria monocytogenes	34	34
								>100	Listeria monocytogenes	34	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	182	34	detection	Listeria monocytogenes	182	34

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	42	9	<=100	Listeria monocytogenes	9	9
								>100	Listeria monocytogenes	9	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	42	9	detection	Listeria monocytogenes	42	9
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	55	10	<=100	Listeria monocytogenes	10	10
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	55	10	detection	Listeria monocytogenes	55	10
	Meat from pig - meat products - meat specialities - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	15	5	<=100	Listeria monocytogenes	5	5
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - meat specialities - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	15	5	detection	Listeria monocytogenes	15	5
	Meat from pig - meat products - meat specialities - Distribution: wholesale and retail sale - Unknown - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - meat specialities - Distribution: wholesale and retail sale - Unknown - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - non-ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	5	detection	Listeria monocytogenes	5	5
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	75	4	<=100	Listeria monocytogenes	75	3
								>100	Listeria monocytogenes	75	1
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	55	14	detection	Listeria monocytogenes	55	14
					Data from Galicia	70	3	detection	Listeria monocytogenes	70	3
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	10	1	<=100	Listeria monocytogenes	10	1
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla-La Mancha. Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw and intended to be eaten raw - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	15	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from Galicia	5	2	<=100	Listeria monocytogenes	2	1
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - raw and intended to be eaten raw - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	15	1	detection	Listeria monocytogenes	15	1
					Data from Galicia	5	2	detection	Listeria monocytogenes	5	2
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Unknown - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Catalunya	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Unknown - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	25	0	detection	Listeria monocytogenes	25	0
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw ham - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	33	2	<=100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - raw ham - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	33	2	detection	Listeria monocytogenes	33	2
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
					Data from Extremadura	125	10	<=100	Listeria monocytogenes	125	8
								>100	Listeria monocytogenes	125	2
					Data from La Rioja	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Murcia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León_samples only tested by detection method	100	36	detection	Listeria monocytogenes	100	36
					Data from Extremadura_Samples tested only with detection method	120	27	detection	Listeria monocytogenes	120	27
					Data from La Rioja_samples tested only by detection method	45	3	detection	Listeria monocytogenes	45	3
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	900	24	detection	Listeria monocytogenes	900	24
	Meat from pig - meat products - ready-to-eat - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	85	0	detection	Listeria monocytogenes	85	0
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					DATA FROM CMADRID_AYTO MADRID	21	0	<=100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León_samples only tested by detection method	20	7	detection	Listeria monocytogenes	20	7
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	825	0	<=100	Listeria monocytogenes	825	0
								>100	Listeria monocytogenes	825	0
	Meat from pig - meat products - unspecified, non ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Meat from quails - meat products - preserved - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	3	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	1	detection	Listeria monocytogenes	3	1
	Meat from turkey - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Euskadi	9	1	<=100	Listeria monocytogenes	9	1
								>100	Listeria monocytogenes	9	0
					Data from Extremadura	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from turkey - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from wild boar - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from wild game - birds - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	3	detection	Listeria monocytogenes	5	3
	Meat, mixed meat - meat products - cooked, ready-to-eat - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat, mixed meat - meat products - fresh raw sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Meat, mixed meat - meat products - fresh raw sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Melons (except watermelon) - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	35	0	detection	Listeria monocytogenes	35	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Milk, cows' - pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	12	0	detection	Listeria monocytogenes	12	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Milk, cows' - raw milk - intended for direct human consumption - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Milk, cows' - raw milk - intended for direct human consumption - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Milk, cows' - raw milk for manufacture - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Milk, cows' - UHT milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
	Molluscan shellfish - cooked - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	30	0	detection	Listeria monocytogenes	30	0
					Data from Galicia	15	1	detection	Listeria monocytogenes	15	1
					Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Comunidad Valenciana	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
					Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Molluscan shellfish - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	15	5	detection	Listeria monocytogenes	15	5
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Molluscan shellfish - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	70	0	<=100	Listeria monocytogenes	70	0
								>100	Listeria monocytogenes	70	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Molluscan shellfish - raw - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Molluscan shellfish - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Molluscan shellfish - shelled, shucked and cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	70	0	<=100	Listeria monocytogenes	70	0
								>100	Listeria monocytogenes	70	0
	Mushrooms - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Nuts and nut products - roasted - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Oats drink - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Oats drink - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - egg based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	30	0	detection	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	23	0	<=100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	30	0	detection	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
					Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					DATA FROM CMADRID	31	0	<=100	Listeria monocytogenes	31	0
								>100	Listeria monocytogenes	31	0
					Data from Comunidad Valenciana	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
					Data from Euskadi	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Catalunya_ASPB	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunidad Valenciana	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya_ASPB	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	100	0	<=100	Listeria monocytogenes	100	0
								>100	Listeria monocytogenes	100	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - egg based dishes - Take-away or fast-food outlet - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	30	0	detection	Listeria monocytogenes	30	0
					Data from Galicia	50	0	detection	Listeria monocytogenes	50	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Catalunya	20	4	<=100	Listeria monocytogenes	4	4
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
					Data from Catalunya	20	4	detection	Listeria monocytogenes	20	4
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					DATA FROM CMADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	21	0	<=100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
					Data from Comunidad Valenciana	23	0	<=100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
					Data from Euskadi	39	0	<=100	Listeria monocytogenes	39	0
								>100	Listeria monocytogenes	39	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Catalunya_ASPB	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
					Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Catalunya_ASPB	10	0	detection	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	75	0	<=100	Listeria monocytogenes	75	0
								>100	Listeria monocytogenes	75	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
					DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	40	0	detection	Listeria monocytogenes	40	0
					Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Illes Balears	28	0	<=100	Listeria monocytogenes	28	0
								>100	Listeria monocytogenes	28	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	28	0	detection	Listeria monocytogenes	28	0
					Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - legumes based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	28	0	<=100	Listeria monocytogenes	28	0
								>100	Listeria monocytogenes	28	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
					Data from Comunidad Valenciana	68	0	<=100	Listeria monocytogenes	68	0
								>100	Listeria monocytogenes	68	0
					Data from Euskadi	55	0	<=100	Listeria monocytogenes	55	0
								>100	Listeria monocytogenes	55	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Catalunya_ASPB	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Comunidad Valenciana	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
					Data from Galicia	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
					Data from Illes Balears	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya_ASPB	3	0	detection	Listeria monocytogenes	3	0
					Data from Illes Balears	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Comunidad Valenciana	31	0	<=100	Listeria monocytogenes	31	0
								>100	Listeria monocytogenes	31	0
					Data from Principado de Asturias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	45	0	detection	Listeria monocytogenes	45	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Catalunya	6	2	<=100	Listeria monocytogenes	2	1
								>100	Listeria monocytogenes	2	1
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	55	0	detection	Listeria monocytogenes	55	0
					Data from Catalunya	6	2	detection	Listeria monocytogenes	6	2
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
					Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					DATA FROM CMADRID	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	13	0	detection	Listeria monocytogenes	13	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	54	0	<=100	Listeria monocytogenes	54	0
								>100	Listeria monocytogenes	54	0
					Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Comunidad Valenciana	31	0	<=100	Listeria monocytogenes	31	0
								>100	Listeria monocytogenes	31	0
					Data from Euskadi	99	0	<=100	Listeria monocytogenes	99	0
								>100	Listeria monocytogenes	99	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	9	0	detection	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Catalunya_ASPB	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Comunidad Valenciana	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Illes Balears	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Principado de Asturias	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya_ASPB	8	0	detection	Listeria monocytogenes	8	0
					Data from Illes Balears	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	100	0	<=100	Listeria monocytogenes	100	0
								>100	Listeria monocytogenes	100	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
					DATA FROM CMADRID	13	0	<=100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
	Other processed food products and prepared dishes - pasta - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - pasta - filled pasta - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - filled pasta - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - pasta - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - simple pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Other processed food products and prepared dishes - pasta based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - pasta based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana - Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - pasta based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
					Data from Comunidad Valenciana	90	0	<=100	Listeria monocytogenes	90	0
								>100	Listeria monocytogenes	90	0
					Data from Euskadi	13	0	<=100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunidad Valenciana	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Other processed food products and prepared dishes - pasta based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta/rice salad - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	15	1	detection	Listeria monocytogenes	15	1
	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya_ASPB	2	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	2	1	detection	Listeria monocytogenes	2	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - pizza and pizza-like dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	10	3	<=100	Listeria monocytogenes	3	3
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	10	3	detection	Listeria monocytogenes	10	3
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - potato based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - potato based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - potato based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	23	0	<=100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
					Data from Euskadi	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya_ASPB	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Principado de Asturias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	21	0	<=100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	17	0	<=100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
					Data from Euskadi	22	0	<=100	Listeria monocytogenes	22	0
								>100	Listeria monocytogenes	22	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya_ASPB	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
					Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya_ASPB	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - sandwiches - with meat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya_ASPB	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sushi - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	5	1	detection	Listeria monocytogenes	5	1
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Euskadi	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	7	4	<=100	Listeria monocytogenes	4	2
								>100	Listeria monocytogenes	4	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 units tested	N units positive
Not Available	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León_samples only tested by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	7	4	detection	Listeria monocytogenes	7	4
	Other processed food products and prepared dishes - unspecified - containing raw egg - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	143	0	detection	Listeria monocytogenes	143	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	17	0	<=100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	17	0	detection	Listeria monocytogenes	17	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	4	1	<=100	Listeria monocytogenes	4	1
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	1	detection	Listeria monocytogenes	4	1
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	112	0	<=100	Listeria monocytogenes	112	0
								>100	Listeria monocytogenes	112	0
					Data from Illes Balears	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - vegetable based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	26	0	<=100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana - Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
					Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	165	0	detection	Listeria monocytogenes	165	0
					Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					DATA FROM CMADRID	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
					Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
					Data from Euskadi	55	1	<=100	Listeria monocytogenes	55	1
								>100	Listeria monocytogenes	55	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Catalunya_ASPB	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	185	0	<=100	Listeria monocytogenes	185	0
								>100	Listeria monocytogenes	185	0
	Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	13	0	<=100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
					DATA FROM CMADRID	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Other products of animal origin - gelatin and collagen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	65	0	<=100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	0
	Radish - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Radish - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Raspberries, red - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Ready-to-eat salads - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
					Data from Comunidad Valenciana	57	0	<=100	Listeria monocytogenes	57	0
								>100	Listeria monocytogenes	57	0
	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Ready-to-eat salads - containing mayonnaise - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	21	0	<=100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
					Data from Castilla-La Mancha	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
					Data from Euskadi	17	0	<=100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
					Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Ready-to-eat salads - containing mayonnaise - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Ready-to-eat salads - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	125	0	<=100	Listeria monocytogenes	125	0
								>100	Listeria monocytogenes	125	0
	Ready-to-eat salads - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	13	0	<=100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Ready-to-eat salads - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Ready-to-eat salads - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	58	0	<=100	Listeria monocytogenes	58	0
								>100	Listeria monocytogenes	58	0
					Data from Comunidad Valenciana	325	0	<=100	Listeria monocytogenes	325	0
								>100	Listeria monocytogenes	325	0
					Data from Euskadi	59	1	<=100	Listeria monocytogenes	59	1
								>100	Listeria monocytogenes	59	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	36	0	<=100	Listeria monocytogenes	36	0
								>100	Listeria monocytogenes	36	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana - Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Roe - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Sanidad Exterior	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Sauce and dressings - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Seeds, dried - flour/meal or finely ground powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Seeds, sprouted - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Seeds, sprouted - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Seeds, sprouted - non-ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Seeds, sprouted - non-ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					DATA FROM CMADRID	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	23	0	<=100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
					Data from Euskadi	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	4	0	detection	Listeria monocytogenes	4	0
					Data from Comunidad Valenciana - Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana - Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Soups - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Soups - ready-to-eat - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Euskadi	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Soups - ready-to-eat - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Soya drink - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Soya drink - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	115	0	<=100	Listeria monocytogenes	115	0
								>100	Listeria monocytogenes	115	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	25	0	detection	Listeria monocytogenes	25	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	7	0	detection	Listeria monocytogenes	7	0
	Spices and herbs - dried - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Spinach - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	10	1	detection	Listeria monocytogenes	10	1
	Spinach - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Strawberries - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Strawberries - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Surimi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Sweet corn - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Tomato ketchup and related sauces - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - non-pre-cut - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	10	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Vegetables - non-pre-cut - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	10	1	detection	Listeria monocytogenes	10	1
	Vegetables - non-pre-cut - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	15	0	detection	Listeria monocytogenes	15	0
	Vegetables - pre-cut - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - pre-cut - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Murcia	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Catalunya	30	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	total units tested	total units positive	Method	Zoonoses	N units tested	N units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA_samples tested only by detection method	60	0	detection	Listeria monocytogenes	60	0
					Data from Catalunya	30	1	detection	Listeria monocytogenes	30	1
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					DATA FROM CMADRID	110	0	<=100	Listeria monocytogenes	110	0
								>100	Listeria monocytogenes	110	0
					Data from Comunidad Valenciana	100	0	<=100	Listeria monocytogenes	100	0
								>100	Listeria monocytogenes	100	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from La Rioja	15	0	detection	Listeria monocytogenes	15	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	430	0	<=100	Listeria monocytogenes	430	0
								>100	Listeria monocytogenes	430	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - products - cooked - chilled - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Vegetables - products - cooked - chilled - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - products - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Vegetables - products - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	7	0	detection	Listeria monocytogenes	7	0
	Vegetables - products - cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - products - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Murcia	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Vegetables - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Water - potable water - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Water - potable water - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León_samples only tested by detection method	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 units positive
SPAIN	Bats - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	91	1	European bat lyssavirus 1	1
	Cats - pet animals - Veterinary clinics - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	17	0	Lyssavirus	0
	Dogs - pet animals - Veterinary clinics - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	24	0	Lyssavirus	0
	Ferrets - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Other animals - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	5	0	Lyssavirus	0
	Rats - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Murcia	Visual inspection	animal	1490	0	Mycobacterium	0
	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	118611	17	Mycobacterium spp., unspecified	17
		Data from Galicia	Visual inspection	animal	375152	51	Mycobacterium spp., unspecified	51
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	21038	0	Mycobacterium	0
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Navarra	Visual inspection	animal	56824	64	Mycobacterium spp., unspecified	64
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	108133	966	Mycobacterium spp., unspecified	966
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	Visual inspection	animal	36135	0	Mycobacterium	0
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	27651	155	Mycobacterium spp., unspecified	155
	Cattle (bovine animals) - others - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	Visual inspection	animal	33998	20	Mycobacterium spp., unspecified	20
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	500057	24	Mycobacterium spp., unspecified	24
		Data from La Rioja	Visual inspection	animal	6676	141	Mycobacterium spp., unspecified	141
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	2587	0	Mycobacterium	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	89599	64	Mycobacterium spp., unspecified	64
		Data from Aragon	Visual inspection	animal	131705	0	Mycobacterium	0
		Data from Canarias	Visual inspection	animal	11814	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	188815	31	Mycobacterium spp., unspecified	31
		Data from Comunidad Valenciana	Visual inspection	animal	278600	65	Mycobacterium spp., unspecified	65
		Data from Madrid	Visual inspection	animal	123782	126	Mycobacterium spp., unspecified	126
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Murcia	Visual inspection	animal	67824	50	Mycobacterium spp., unspecified	50
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	307627	8	Mycobacterium spp., unspecified	8
	Deer - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3735	36	Mycobacterium spp., unspecified	36
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	8071	4	Mycobacterium spp., unspecified	4
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	25	0	Mycobacterium	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	454	1	Mycobacterium spp., unspecified	1
	Deer - wild - Game handling establishment - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	58195	26	Mycobacterium spp., unspecified	26
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	81175	18	Mycobacterium spp., unspecified	18
		Data from Castilla-La Mancha	Visual inspection	animal	37778	58	Mycobacterium spp., unspecified	58
		Data from Principado de Asturias	Visual inspection	animal	17	0	Mycobacterium	0
	Deer - wild - Hunting - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	36532	485	Mycobacterium spp., unspecified	485
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	72	1	Mycobacterium spp., unspecified	1
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	848	3	Mycobacterium spp., unspecified	3
	Deer - wild - roe deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	2632	0	Mycobacterium	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	2	0	Mycobacterium	0
	Doves - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	14671	0	Mycobacterium	0
	Ducks - foie gras production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	73042	0	Mycobacterium	0
	Gallus gallus (fowl) - broilers - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	66391073	0	Mycobacterium	0
	Gallus gallus (fowl) - laying hens - adult - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1997068	0	Mycobacterium	0
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	17381	6	Mycobacterium spp., unspecified	6
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	70951	0	Mycobacterium	0
	Goats - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Navarra	Visual inspection	animal	4376	2	Mycobacterium spp., unspecified	2
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	10926	3	Mycobacterium spp., unspecified	3
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	37216	0	Mycobacterium	0
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Murcia	Visual inspection	animal	122254	54	Mycobacterium spp., unspecified	54
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	514	0	Mycobacterium	0
	Goats - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	275998	304	Mycobacterium spp., unspecified	304
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	507316	437	Mycobacterium spp., unspecified	437
		Data from Canarias	Visual inspection	animal	42638	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	93036	72	Mycobacterium spp., unspecified	72

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	10027	13	Mycobacterium spp., unspecified	13
	Guinea fowl - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3097	0	Mycobacterium	0
	Mouflons - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	4	0	Mycobacterium	0
	Mouflons - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	201	0	Mycobacterium	0
	Mouflons - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	217	1	Mycobacterium spp., unspecified	1
	Mouflons - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Suspect sampling	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	animal	1	0	Mycobacterium	0
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	5045	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	3537	0	Mycobacterium	0
	Mountain goats - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla-La Mancha	Visual inspection	animal	1	0	Mycobacterium	0
	Partridges - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3166	0	Mycobacterium	0
	Pheasants - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3245	0	Mycobacterium	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	269825	2	Mycobacterium spp., unspecified	2
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Suspect sampling	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	animal	2	1	Mycobacterium avium subsp. hominissuis	1
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	70148	5	Mycobacterium spp., unspecified	5
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Backyard - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	12	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - blood - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	4306	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	1956	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	936480	0	Mycobacterium	0
		Data from Madrid	Visual inspection	animal	3279	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	4893	0	Mycobacterium	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	497607	164	Mycobacterium spp., unspecified	164
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3115358	1946	Mycobacterium spp., unspecified	1,946
		Data from Castilla y León	Visual inspection	animal	5387466	1417	Mycobacterium spp., unspecified	1,417
		Data from Madrid	Visual inspection	animal	314425	0	Mycobacterium	0
	Pigs - mixed herds - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Murcia	Visual inspection	animal	4113481	0	Mycobacterium	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	23358	0	Mycobacterium	0
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	Visual inspection	animal	53360	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	3905017	2	Mycobacterium spp., unspecified	2

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	1144810	1	Mycobacterium spp., unspecified	1
	Rabbits - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	6925948	0	Mycobacterium	0
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	302684	0	Mycobacterium	0
		Data from Euskadi	Visual inspection	animal	7818	0	Mycobacterium	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	2679928	0	Mycobacterium	0
	Sheep - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Navarra	Visual inspection	animal	162103	24	Mycobacterium spp., unspecified	24
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	211628	0	Mycobacterium	0
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	Visual inspection	animal	476023	0	Mycobacterium	0
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Murcia	Visual inspection	animal	537927	0	Mycobacterium	0
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	Visual inspection	animal	807	0	Mycobacterium	0
	Sheep - Slaughterhouse - France - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	247	0	Mycobacterium	0
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	504979	0	Mycobacterium	0
		Data from Canarias	Visual inspection	animal	10939	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	1172116	0	Mycobacterium	0
		Data from Madrid	Visual inspection	animal	87032	0	Mycobacterium	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from La Rioja	Visual inspection	animal	27	0	Mycobacterium	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	112	0	Mycobacterium	0
		Data from Castilla y León	Visual inspection	animal	3540	0	Mycobacterium	0
	Turkeys - meat production flocks - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1398583	0	Mycobacterium	0
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	650	43	Mycobacterium spp., unspecified	43
	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	Visual inspection	animal	17298	13	Mycobacterium spp., unspecified	13
	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Suspect sampling	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	animal	13	10	Mycobacterium tuberculosis complex (MTC)	10
	Wild boars - wild - Game handling establishment - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	47614	0	Mycobacterium	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	Visual inspection	animal	55572	14	Mycobacterium spp., unspecified	14
		Data from Castilla y León	Visual inspection	animal	10	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	47376	230	Mycobacterium spp., unspecified	230
		Data from Principado de Asturias	Visual inspection	animal	403	0	Mycobacterium	0
	Wild boars - wild - Hunting - Spain - animal sample - blood - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	Visual inspection	animal	19816	2913	Mycobacterium spp., unspecified	2,913

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	421	2	Mycobacterium spp., unspecified	2
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	Visual inspection	animal	1361	11	Mycobacterium spp., unspecified	11
SPAIN	Badgers - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	326	12	Mycobacterium tuberculosis complex (MTC)	12
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	116	64	Mycobacterium tuberculosis complex (MTC)	64
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	779	211	Mycobacterium tuberculosis complex (MTC)	211
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	95	3	Mycobacterium tuberculosis complex (MTC)	3
	Foxes - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	14	0	Mycobacterium	0
	Goats - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Selective sampling	N_A	Skin test	herd/flock	8338	486	Mycobacterium tuberculosis complex (MTC)	486
	Sheep - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Selective sampling	N_A	Skin test	herd/flock	31	0	Mycobacterium	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	3202	698	Mycobacterium tuberculosis complex (MTC)	698

Table SALMONELLA:Salmonella in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Number of Flocks Under Control Programme	Target Verification	Sampling Details	Method	total units tested	total units positive	Zoonoses	Units positive
SPAIN	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	slaughter animal batch		N_A	N_A	Not Available	394	24	Salmonella spp., unspecified	24
	Gallus gallus (fowl) - breeding flocks for broiler production line - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1563	Y	N_A	Not Available	1563	95	Salmonella Enteritidis	4
									Salmonella Hadar	1
									Salmonella Infantis	5
									Salmonella Kentucky	7
									Salmonella Mikawasima	9
									Salmonella Newport	2
									Salmonella Other serovars	50
									Salmonella Schwarzengrund	1
									Salmonella Toulon	13
									Salmonella Typhimurium	3
	Gallus gallus (fowl) - breeding flocks for broiler production line - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	922	7	Salmonella Hessarek	3
									Salmonella Other serovars	4
	Gallus gallus (fowl) - breeding flocks for egg production line - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	88	Y	N_A	Not Available	88	7	Salmonella 1,4,5,12:i:-	1
									Salmonella Mikawasima	3
									Salmonella Other serovars	3
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	1602	77	Salmonella 1,4,5,12:i:-	1
									Salmonella Enteritidis	1
									Salmonella Infantis	1
									Salmonella Kentucky	7
									Salmonella Mikawasima	8
									Salmonella Other serovars	46
									Salmonella Toulon	10
									Salmonella Typhimurium	3
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	1395	39	Salmonella Brandenburg	4
									Salmonella Enteritidis	3
									Salmonella Infantis	4
									Salmonella Mbandaka	4
									Salmonella Mikawasima	4
									Salmonella Other serovars	17
									Salmonella Toulon	3
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	37751	949	Salmonella 1,4,5,12:i:-	12
									Salmonella Enteritidis	17
									Salmonella Infantis	119
									Salmonella Kedougou	68
									Salmonella Other serovars	726
									Salmonella Typhimurium	7
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	37791	Y	N_A	Not Available	37791	1006	Salmonella 1,4,5,12:i:-	14
									Salmonella Enteritidis	18
									Salmonella Infantis	136
									Salmonella Kedougou	69
									Salmonella Niloese	60
									Salmonella Other serovars	673
									Salmonella Senftenberg	28
									Salmonella Typhimurium	8
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	437	73	Salmonella 1,4,5,12:i:-	2
									Salmonella Enteritidis	1
									Salmonella Infantis	17
									Salmonella Other serovars	52
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	3320	102	Salmonella 1,4,5,12:i:-	4
									Salmonella Enteritidis	14

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Number of Flocks Under Control Programme	Target Verification	Sampling Details	Method	total units tested	total units positive	Zoonoses	Units positive
SPAIN	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	3320	102	Salmonella Other serovars	76
									Salmonella Typhimurium	8
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3399	Y	N_A	Not Available	3399	208	Salmonella 1,4,5,12:i:-	7
									Salmonella Corvallis	16
									Salmonella Enteritidis	37
									Salmonella Infantis	12
									Salmonella Kentucky	2
									Salmonella Mikawasima	7
									Salmonella Newport	2
									Salmonella Ohio	12
									Salmonella Other serovars	95
									Salmonella Thompson	2
									Salmonella Toulon	1
									Salmonella Typhimurium	15
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	893	125	Salmonella 1,4,5,12:i:-	3
									Salmonella Enteritidis	25
									Salmonella Other serovars	90
									Salmonella Typhimurium	7
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Spain - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	1433	19	Salmonella 1,4,5,12:i:-	1
									Salmonella Enteritidis	2
									Salmonella Other serovars	16
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	6	3	Salmonella Enteritidis	1
									Salmonella Mikawasima	2
	Pigs - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	slaughter animal batch		N_A	N_A	Not Available	413	196	Salmonella spp., unspecified	196
	Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	99	9	Salmonella Coeln	1
									Salmonella Kentucky	5
									Salmonella Other serovars	3
	Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	99	Y	N_A	Not Available	99	10	Salmonella Coeln	1
									Salmonella Kedougou	2
									Salmonella Kentucky	5
									Salmonella Other serovars	2
	Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	57	6	Salmonella Kedougou	2
									Salmonella Kentucky	3
									Salmonella Other serovars	1
	Turkeys - breeding flocks, unspecified - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	66	2	Salmonella Kedougou	2
	Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	3850	168	Salmonella 1,4,5,12:i:-	3
									Salmonella Bovismorbificans	4
									Salmonella Enteritidis	1
									Salmonella Goldcoast	9
									Salmonella Other serovars	127
									Salmonella Senftenberg	13
									Salmonella Typhimurium	3
									Salmonella Uganda	8
	Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3857	Y	N_A	Not Available	3857	193	Salmonella 1,4,5,12:i:-	5
									Salmonella Derby	5
									Salmonella Enteritidis	1
									Salmonella Goldcoast	9
									Salmonella Other serovars	148
									Salmonella Senftenberg	14
									Salmonella Typhimurium	3
									Salmonella Uganda	8
	Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	75	29	Salmonella 1,4,5,12:i:-	2
									Salmonella Derby	5
									Salmonella Other serovars	22

Table SALMONELLA:Salmonella in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Aioli or garlic sauce - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Anise seed and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Bakery products - bread - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - bread - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	10	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	64	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	20	0	Salmonella	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	15	0	Salmonella	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Bakery products - cakes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	62	0	Salmonella	0
	Bakery products - desserts - containing raw cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Bakery products - desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Bakery products - desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - pastry - biscuits - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - pastry - biscuits - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	35	0	Salmonella	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	15	0	Salmonella	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Bakery products - pastry - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	220	0	Salmonella	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Bay - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	1	Salmonella spp., unspecified	1
	Beverages, non-alcoholic - soft drinks - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Black pepper - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Black pepper - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Blueberries - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cardamom - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cereals and meals - flour/meal or finely ground powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheese sauce - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	86	1	Salmonella spp., unspecified	1
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	115	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	125	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Confectionery products and pastes - chocolate-based product - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Confectionery products and pastes - hard candy - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Confectionery products and pastes - hard candy - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Confectionery products and pastes - soft candy - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Confectionery products and pastes - soft candy - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Coriander seeds and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	1	Salmonella spp., unspecified	1
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Crustaceans - prawns - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - prawns - cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	105	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Crustaceans - shrimps - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - shrimps - cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Distribution: wholesale and retail sale - Belgium - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Distribution: wholesale and retail sale - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Distribution: wholesale and retail sale - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Crustaceans - unspecified - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	3	Salmonella Typhimurium	3
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cumin seed and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	17	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	130	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	24	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	110	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	10	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Egg products - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Egg products - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	55	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	10	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
				Millilitre	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Egg products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Eggs - quail eggs - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Eggs - quail eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Eggs - table eggs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Eggs - table eggs - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	1	Salmonella Ohio	1
	Eggs - table eggs - mixed whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	101	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	360	1	Salmonella Gallinarum	1
	Eggs - table eggs - mixed whole - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	1	Salmonella spp., unspecified	1
	Eggs - table eggs - mixed whole - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Eggs - table eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	29	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	360	1	Salmonella Infantis	1
									Salmonella Thompson	1
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Eggs - table eggs - shell - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Eggs - table eggs - shell - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	500	5	Salmonella Infantis	3
									Salmonella Mikawasima	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Eggs - table eggs - shell - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	500	5	Salmonella Typhimurium	1
	Eggs - table eggs - shell - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	29	0	Salmonella	0
	Eggs - table eggs - whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Eggs - table eggs - whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Eggs - table eggs - whole - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Eggs - table eggs - whole - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fennel seed and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fennel seed and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fenugreek seed and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - gravad /slightly salted - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Fish - gravad /slightly salted - Storage - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - marinated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Fish - raw - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - raw - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - raw - Hatchery - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - smoked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fishery products, unspecified - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fishery products, unspecified - non-ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fishery products, unspecified - smoked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Follow-on formulae - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	4	0	Salmonella	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Follow-on formulae - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Frozen bivalve molluscs - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Frozen bivalve molluscs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	8	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	29	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fruits - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Infant formula - dried - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - dried - Distribution: wholesale and retail sale - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Infant formula - dried - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Infant formula - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Infant formula - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	20	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	14	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	180	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	3	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	48	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	3	0	Salmonella	0
	Infant formula - dried - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	180	0	Salmonella	0
	Infant formula - liquid - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Portugal - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Juice - fruit juice - pasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Juice - fruit juice - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Juice - fruit juice - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
				Millilitre	Data from Aragon	ISO 6579-1:2017 Salmonella	8	1	Salmonella spp., unspecified	1
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from La Rioja	PCR	5	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Juice - mixed juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
				Millilitre	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	4	0	Salmonella	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Juice - vegetable juice - Distribution: wholesale and retail sale - Switzerland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	25	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	60	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	65	1	Salmonella Poona	1
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	400	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Live bivalve molluscs - mussels - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	20	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	155	1	Salmonella Infantis	1
	Live bivalve molluscs - mussels - depurated - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Live bivalve molluscs - mussels - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	50	1	Salmonella spp., unspecified	1
	Live bivalve molluscs - mussels - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Live bivalve molluscs - oysters - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	20	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	30	3	Salmonella Bousso	1
									Salmonella Typhimurium	2
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	60	5	Salmonella Enteritidis	5
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - South Korea - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	6	0	Salmonella	0
	Live bivalve molluscs - unspecified - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	35	3	Salmonella spp., unspecified	1
									Salmonella Veneziana	2
	Live bivalve molluscs - unspecified - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Live bivalve molluscs - unspecified - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	180	0	Salmonella	0
	Live bivalve molluscs - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	10	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017 Salmonella	47	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	ISO 6579-1:2017 Salmonella	130	20	Salmonella Anatum	2
									Salmonella Bredeney	6
									Salmonella Dublin	1
									Salmonella Lamberhurst	3
									Salmonella Mbandaka	2
									Salmonella Meleagridis	4
									Salmonella Newport	1
									Salmonella Typhimurium, monophasic	1
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	200	7	Salmonella spp., unspecified	7
					Data from Euskadi	ISO 6579-1:2017 Salmonella	71	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	300	1	Salmonella Typhimurium, monophasic	1
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	165	19	Salmonella spp., unspecified	19
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	476	3	Salmonella spp., unspecified	3
	Meat from bovine animals - carcase - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	50	1	Salmonella spp., unspecified	1
	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017 Salmonella	800	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1868	0	Salmonella	0
					DATA FROM CMADRID	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	790	8	Salmonella spp., unspecified	8
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	650	10	Salmonella spp., unspecified	10
	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017 Salmonella	85	5	Salmonella spp., unspecified	5
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	175	9	Salmonella Anatum	1
									Salmonella Bovismorbificans	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	175	9	Salmonella Bredeney	6
									Salmonella Mbandaka	1
	Meat from bovine animals - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	44	4	Salmonella spp., unspecified	4
	Meat from bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	50	1	Salmonella spp., unspecified	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	8	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	20	1	Salmonella Derby	1
					Data from Euskadi	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	17	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Denmark - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from bovine animals - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	54	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten raw - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	1	Salmonella Derby	1
					Data from Euskadi	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	5	2	Salmonella spp., unspecified	2
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from La Rioja	ISO 6579-1:2017 Salmonella	55	6	Salmonella spp., unspecified	6
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	110	24	Salmonella Bredeney	1
									Salmonella Infantis	21
									Salmonella Kimuenza	2

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	45	11	Salmonella Bovismorbificans	11
					Data from Extremadura	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	905	17	Salmonella spp., unspecified	17
					DATA FROM CMADRID	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	645	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1700	71	Salmonella spp., unspecified	71
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	200	60	Salmonella spp., unspecified	60
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	260	37	Salmonella Enteritidis	5
									Salmonella Grumpensis	1
									Salmonella Infantis	21
									Salmonella Ohio	2
									Salmonella spp., unspecified	3
									Salmonella Virchow	5
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Cold storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	20	5	Salmonella spp., unspecified	5
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	4	Salmonella Enteritidis	4
					Data from Euskadi	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	55	8	Salmonella Enteritidis	8
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	177	12	Salmonella Infantis	7
									Salmonella spp., unspecified	5
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	225	12	Salmonella Chester	2
									Salmonella Enteritidis	2
									Salmonella Infantis	5

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	225	12	Salmonella Mbandaka	2
									Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	155	3	Salmonella spp., unspecified	3
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	6	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	110	3	Salmonella spp., unspecified	3
	Meat from broilers (Gallus gallus) - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1205	39	Salmonella spp., unspecified	39
	Meat from broilers (Gallus gallus) - fresh - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - skinned - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	1	Salmonella Enteritidis	1
	Meat from broilers (Gallus gallus) - fresh - skinned - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	10	3	Salmonella enterica	3
	Meat from broilers (Gallus gallus) - fresh - skinned - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - skinned - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	45	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - fresh - with skin - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - with skin - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - fresh - with skin - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	45	6	Salmonella Infantis	5
									Salmonella Minnesota	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
			25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	30	3	Salmonella Infantis	3
					Data from Galicia	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
					Data from La Rioja	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	110	8	Salmonella Chester	2
									Salmonella Infantis	5
									Salmonella Virchow	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	380	45	Salmonella spp., unspecified	45
					Data from Catalunya	ISO 6579-1:2017 Salmonella	15	3	Salmonella Infantis	2
									Salmonella Virchow	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
			25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
					Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	70	12	Salmonella enterica	5
									Salmonella Infantis	7
					Data from Euskadi	ISO 6579-1:2017 Salmonella	5	1	Salmonella Newport	1
					Data from Galicia	ISO 6579-1:2017 Salmonella	40	5	Salmonella Virchow	5
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	30	3	Salmonella Infantis	3
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	205	7	Salmonella spp., unspecified	7
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	80	3	Salmonella spp., unspecified	3
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	20	5	Salmonella Chester	5
					Data from Extremadura	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	2	Salmonella Infantis	1
									Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	55	8	Salmonella spp., unspecified	8
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	60	7	Salmonella Infantis	5
									Salmonella spp., unspecified	7
									Salmonella Virchow	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	130	5	Salmonella Typhimurium	5
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - preserved - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	40	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	20	5	Salmonella Infantis	5
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	55	5	Salmonella Virchow	5
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	40	3	Salmonella spp., unspecified	3
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	5	Salmonella spp., unspecified	5
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from deer (venison) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from duck - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	5	Salmonella Typhimurium	5
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	47	6	Salmonella spp., unspecified	6
	Meat from goat - carcase - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	100	3	Salmonella spp., unspecified	3

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from goat - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from goat - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	21	1	Salmonella spp., unspecified	1
	Meat from horse - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from horse - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	200	1	Salmonella spp., unspecified	1
	Meat from horse - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from horse - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	1	Salmonella spp., unspecified	1
	Meat from horse - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	1	Salmonella Typhimurium	1
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from other poultry species - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	590	3	Salmonella spp., unspecified	3
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other poultry species - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other poultry species - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from other poultry species - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other poultry species - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from other poultry species - meat products - raw but intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from other poultry species - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from La Rioja	ISO 6579-1:2017 Salmonella	20	1	Salmonella Typhimurium	1
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	50	9	Salmonella spp., unspecified	9
					Data from Catalunya	ISO 6579-1:2017 Salmonella	460	47	Salmonella 9,12:lv:-	1
									Salmonella Derby	4
									Salmonella Livingstone	1
									Salmonella London	1
									Salmonella Rissen	13
									Salmonella spp., unspecified	2
									Salmonella Typhimurium	2
									Salmonella Typhimurium, monophasic	23
					Data from Euskadi	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	100	30	Salmonella Brandenburg	3
									Salmonella Derby	2
									Salmonella Enteritidis	1
									Salmonella Rissen	2
									Salmonella Typhimurium, monophasic	22
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	360	65	Salmonella spp., unspecified	65
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	2120	49	Salmonella spp., unspecified	49
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	494	47	Salmonella Bovismorbificans	4
									Salmonella Choleraesuis	1
									Salmonella Derby	4
									Salmonella Enteritidis	1
									Salmonella Ohio	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	494	47	Salmonella Rissen	4
									Salmonella spp., unspecified	8
									Salmonella Typhimurium, monophasic	24
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017 Salmonella	1424	11	Salmonella spp., unspecified	11
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3400	10	Salmonella spp., unspecified	10
					DATA FROM CMADRID	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	180	4	Salmonella spp., unspecified	4
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	900	5	Salmonella spp., unspecified	5
	Meat from pig - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	220	7	Salmonella spp., unspecified	7
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	300	1	Salmonella spp., unspecified	1
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	240	40	Salmonella Brandenburg	3
									Salmonella Choleraesuis	1
									Salmonella Derby	3
									Salmonella Goldcoast	2
									Salmonella Infantis	1
									Salmonella London	2
									Salmonella Rissen	1
									Salmonella spp., unspecified	3
									Salmonella Typhimurium	7
									Salmonella Typhimurium, monophasic	17
	Meat from pig - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	32	13	Salmonella spp., unspecified	13
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	50	3	Salmonella spp., unspecified	3
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	7	Salmonella Choleraesuis	1
									Salmonella Typhimurium	6
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	350	12	Salmonella spp., unspecified	12
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	30	1	Salmonella Infantis	1
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	170	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	75	6	Salmonella spp., unspecified	6
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	95	6	Salmonella spp., unspecified	6
					Data from Extremadura	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - cooked ham - non-sliced - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
			25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	110	5	Salmonella Rissen	5
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	36	0	Salmonella	0
			25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	23	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	140	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
	Meat from pig - meat products - fresh raw sausages - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	25	1	Salmonella spp., unspecified	1
			25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - meat specialities - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	65	2	Salmonella spp., unspecified	2
			25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	250	8	Salmonella spp., unspecified	8
					Data from Extremadura	ISO 6579-1:2017 Salmonella	150	12	Salmonella spp., unspecified	12
					Data from Galicia	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
					Data from La Rioja	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	20	1	Salmonella Typhimurium	1
					Data from La Rioja	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Navarra	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - raw ham - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	2	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	30	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	400	1	Salmonella spp., unspecified	1
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	4	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	160	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - meat products - unspecified, non ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	10	1	Salmonella spp., unspecified	1
	Meat from pig - mechanically separated meat (MSM) - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	25	1	Salmonella Rissen	1
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	1	Salmonella Typhimurium	1
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	22	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	5	2	Salmonella spp., unspecified	2
	Meat from pig - minced meat - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	40	4	Salmonella spp., unspecified	4
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	5	1	Salmonella Typhimurium	1
	Meat from pig - other slaughtering products - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - fresh - chilled - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	15	0	Salmonella	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	35	17	Salmonella spp., unspecified	17
	Meat from quails - fresh - chilled - Cold storage - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from quails - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	5	0	Salmonella	0
	Meat from quails - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Meat from quails - meat products - preserved - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from rabbit - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Euskadi	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from rabbit - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Meat from rabbit - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	3	0	Salmonella	0
	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	ISO 6579-1:2017 Salmonella	110	3	Salmonella Mbandaka	1
									Salmonella Typhimurium, monophasic	2
					Data from Euskadi	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	200	13	Salmonella spp., unspecified	13
	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	779	41	Salmonella spp., unspecified	41
	Meat from sheep - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	ISO 6579-1:2017 Salmonella	889	0	Salmonella	0
	Meat from sheep - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2085	1	Salmonella spp., unspecified	1
					DATA FROM CMADRID	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	220	6	Salmonella spp., unspecified	6
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	700	2	Salmonella spp., unspecified	2
	Meat from sheep - carcase - Slaughterhouse - Spain - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from sheep - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	40	1	Salmonella spp., unspecified	1
	Meat from sheep - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Meat from turkey - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	30	5	Salmonella Agona	1
									Salmonella Goldcoast	3
									Salmonella Infantis	1
	Meat from turkey - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3225	10	Salmonella spp., unspecified	10
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	250	0	Salmonella	0
	Meat from turkey - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Meat from turkey - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	50	24	Salmonella spp., unspecified	24
	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	5	0	Salmonella	0
	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	1	Salmonella spp., unspecified	1
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	50	6	Salmonella Derby	4
									Salmonella Goldcoast	1
									Salmonella Typhimurium, monophasic	1
	Meat from turkey - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from turkey - fresh - frozen - Distribution: wholesale and retail sale - Unknown - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from turkey - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	10	0	Salmonella	0
	Meat from turkey - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from R.Murcia	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Meat from turkey - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from wild game - birds - meat products - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Immunofluorescence method	15	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	40	7	Salmonella spp., unspecified	7
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Immunofluorescence method	5	0	Salmonella	0
					Data from Illes Balears	Immunofluorescence method	5	2	Salmonella Typhimurium, monophasic	2
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	1	Salmonella spp., unspecified	1
					Data from Extremadura	ISO 6579-1:2017 Salmonella	5	5	Salmonella spp., unspecified	5

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat, mixed meat - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	65	5	Salmonella Typhimurium, monophasic	5
			25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	1	Salmonella spp., unspecified	1
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	5	Salmonella Typhimurium, monophasic	5
	Meat, mixed meat - meat products - fresh raw sausages - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat, mixed meat - meat products - fresh raw sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	75	5	Salmonella Typhimurium, monophasic	5
	Meat, mixed meat - minced meat - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunidad Valenciana	Immunofluorescence method	5	0	Salmonella	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - carcase - chilled - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Milk, cows' - raw milk - intended for direct human consumption - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Milk, cows' - raw milk for manufacture - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Milk, cows' - raw milk for manufacture - intended for manufacture of raw or low heat-treated products - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Molluscan shellfish - cooked - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Molluscan shellfish - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	245	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	15	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	5	Salmonella spp., unspecified	5
	Molluscan shellfish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Molluscan shellfish - raw - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Molluscan shellfish - raw - chilled - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Molluscan shellfish - raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	22	0	Salmonella	0
	Molluscan shellfish - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Molluscan shellfish - shelled, shucked and cooked - chilled - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Molluscan shellfish - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	19	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	31	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	124	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
					Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Take-away or fast-food outlet - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	18	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	39	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	5	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	28	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	5	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	28	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	58	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	3	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
					Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
					Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	3	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	22	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	99	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	28	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	8	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
					Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Other processed food products and prepared dishes - mushroom based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - filled pasta - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - pasta - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	83	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	32	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	4	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	10	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	146	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	131	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	9	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	27	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	47	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Other products of animal origin - gelatin and collagen - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	6	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Other seeds (including elsewhere non-listed oilseeds and other seeds) - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	1	Salmonella spp., unspecified	1
	Other spices seeds - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	235	0	Salmonella	0
	Other spices seeds - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	355	5	Salmonella spp., unspecified	5
	Parsley - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	8	Salmonella spp., unspecified	8
	Ready-to-eat salads - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	56	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	17	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Ready-to-eat salads - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	59	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	333	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Canarias	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from CANTABRIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Saffron - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	105	0	Salmonella	0
	Sauce and dressings - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Seeds, sprouted - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	24	0	Salmonella	0
	Seeds, sprouted - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	6	0	Salmonella	0
	Seeds, sprouted - non-ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Seeds, sprouted - non-ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	1	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	10	1	Salmonella spp., unspecified	1
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	54	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	48	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	7	Salmonella spp., unspecified	7
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	Immunofluorescence method	18	0	Salmonella	0
	Sesame seeds and similar - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Soups - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Soups - ready-to-eat - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Euskadi	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Soups - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Soups - ready-to-eat - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	30	0	Salmonella	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	5	0	Salmonella	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	70	2	Salmonella Mbandaka	2
					Data from R.Murcia	ISO 6579-1:2017 Salmonella	60	1	Salmonella spp., unspecified	1
	Spices and herbs - dried - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Spices and herbs - dried - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	10	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Spices and herbs - dried - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Strawberries - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Thyme - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Tomato ketchup and related sauces - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Turmeric - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Turmeric - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vanilla - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	15	0	Salmonella	0
	Vegetables - pre-cut - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - pre-cut - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Vegetables - pre-cut - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	15	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	10	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	110	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Real-Time PCR (qualitative or quantitative)	40	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Immunofluorescence method	50	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	PCR	15	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	220	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					DATA FROM CMADRID	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Vegetables - pre-cut - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Vegetables - products - canned - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - products - canned - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - products - cooked - chilled - Distribution: wholesale and retail sale - Austria - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Vegetables - products - cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	7	1	Salmonella spp., unspecified	1
	Vegetables - products - dried - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Vegetables - products - fruit purée - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Vegetables - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	26	0	Salmonella	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Water - bottled water - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Water - bottled water - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0

Table SALMONELLA:Salmonella in feed

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Compound feedingstuffs for cattle - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	53	2	Salmonella Enteritidis	1
									Salmonella spp., unspecified	1
	Compound feedingstuffs for horses - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	67	1	Salmonella spp., unspecified	1
	Compound feedingstuffs for poultry (non specified) - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Compound feedingstuffs for poultry, breeders - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	14	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	7	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Compound feedingstuffs for rabbits - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of land animal origin - animal fat - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	27	0	Salmonella	0
	Feed material of land animal origin - blood meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	6	0	Salmonella	0
	Feed material of land animal origin - dairy products - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Feed material of land animal origin - feather meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Feed material of land animal origin - meat and bone meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Feed material of land animal origin - meat meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	137	2	Salmonella spp., unspecified	2
	Feed material of land animal origin - poultry offal meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	16	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	100	1	Salmonella Liverpool	1
	Feed material of oil seed or fruit origin - cotton seed derived - Feed mill - Spain - feed sample - Unspecified - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - other oil seeds derived - Feed mill - Spain - feed sample - Unspecified - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - rape seed derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	3	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	10	1	Salmonella spp., unspecified	1
	Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	2	0	Salmonella	0
	Other feed material - Feed mill - Spain - feed sample - Unspecified - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	64	1	Salmonella Hadar	1
	Pet food - dog snacks (pig ears, chewing bones) - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	20	1	Salmonella spp., unspecified	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Pet food - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	116	0	Salmonella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
					Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	20	0	Staphylococcal enterotoxins	0
					Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	30	0	Staphylococcal enterotoxins	0
					DATA FROM CMADRID_AYTO MADRID	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
					Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	40	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	11	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Illes Balears	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	40	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from CANTABRIA	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	6	0	Staphylococcal enterotoxins	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	3	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	20	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Murcia	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	20	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Murcia	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
					DATA FROM CMADRID_AYTO MADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	4	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	115	3	Staphylococcal enterotoxins - Enterotoxin, unspecified	3
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	10	2	Staphylococcal enterotoxins - Enterotoxin, unspecified	2
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Murcia	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID_AYTO MADRID	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
					Data from Illes Balears	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	25	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	45	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CMADRID	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
					Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	30	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	40	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0

Table TOXOPLASMA:Toxoplasma in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
SPAIN	Goats - Farm - Spain - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	herd/flock	18	3	Toxoplasma gondii	3
	Sheep - Farm - Spain - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	herd/flock	128	15	Toxoplasma gondii	15

Table TRICHINELLA:Trichinella in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - breeding animals - others - not raised under controlled housing conditions - indoors - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	460	0	Trichinella	0
	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	457118	0	Trichinella	0
		Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	269825	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - breeding animals - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	70148	0	Trichinella	0
		Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	685	0	Trichinella	0
		DATA FROM MURCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	51850	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Backyard - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	12	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	725	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Not Available - Not Available - Surveillance - Official sampling - Census	Data from Navarra	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	74	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	129	0	Trichinella	0
		Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	6211	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	213	0	Trichinella	0
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	13	0	Trichinella	0
		N_A	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	304	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	30	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1093	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	64705	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - indoors - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3115327	0	Trichinella	0
		Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1143309	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1956	0	Trichinella	0
		Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	4306	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - outdoors - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	31	2	Trichinella, unspecified sp.	2
	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	17805	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3279	0	Trichinella	0
		N_A	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	16071	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	10155453	0	Trichinella	0
		Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	21675756	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Not Available - Not Available - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Navarra	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	51074	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Madrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	4893	0	Trichinella	0
	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Canarias	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	56360	0	Trichinella	0
		Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	488	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	5387466	0	Trichinella	0
		Data from Euskadi	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	12009	0	Trichinella	0
		Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	497607	0	Trichinella	0
		Data from Galicia	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	866386	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Illes Balears	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	21195	0	Trichinella	0
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	21247	0	Trichinella	0
		Data from Madrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	314425	0	Trichinella	0
		DATA FROM MURCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	4060911	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - others - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Principado de Asturias	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	45059	0	Trichinella	0
		N_A	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3891140	0	Trichinella	0
	Solipeds, domestic - donkeys - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	8	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	6642	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1289	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - Not Available - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Navarra	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	14272	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	595	0	Trichinella	0
		Data from Comunidad Valenciana	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3957	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Euskadi	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	152	0	Trichinella	0
		Data from Galicia	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	91	0	Trichinella	0
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	27	0	Trichinella	0
		Data from Principado de Asturias	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	886	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	112	0	Trichinella	0
		Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3540	0	Trichinella	0
	Wild boars - farmed - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	650	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Catalunya	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	17298	34	Trichinella spiralis	22
							Trichinella, unspecified sp.	12

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Game handling establishment - Not Available - Not Available - Surveillance - Official sampling - Census	Data from Navarra	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3103	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	DATA FROM ANDALUCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	55572	88	Trichinella, unspecified sp.	88
		Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	26	0	Trichinella	0
		Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	10	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	47614	137	Trichinella, unspecified sp.	137
		Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	2041	0	Trichinella	0
		Data from Principado de Asturias	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	403	0	Trichinella	0
		N_A	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	47376	277	Trichinella, unspecified sp.	277

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Hunting - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Aragon	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	4546	3	Trichinella, unspecified sp.	3
	Wild boars - wild - Hunting - Not Available - Not Available - Surveillance - Official sampling - Census	Data from Navarra	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1000	0	Trichinella	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from CANTABRIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1124	0	Trichinella	0
		Data from Castilla y León	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	3997	3	Trichinella, unspecified sp.	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 units positive
Not Available	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from La Rioja	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	2320	0	Trichinella	0
		Data from Madrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	421	1	Trichinella spiralis	1
		DATA FROM MURCIA	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	176	0	Trichinella	0
		Data from Principado de Asturias	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	2669	1	Trichinella, unspecified sp.	1

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Extremadura	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	19816	12	Trichinella, unspecified sp.	12
		Data from Madrid	ISO 18743:2015/DAmd 1 Microbiology of the food chain — Detection of Trichinella larvae in meat by artificial digestion method — Amendment 1: Revision of text and minor technical issues, references update, and inclusion of performance characteristics of the method by interlaboratory study	animal	1361	0	Trichinella	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	N_A	Reverse-transcription PCR (RT-PCR)	animal	113	1	West Nile virus	1
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	N_A	IgM-capture ELISA (MAC-ELISA) + Seroneutralisation test, serial	animal	63	1	West Nile virus	1
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Selective sampling	N_A	Reverse-transcription PCR (RT-PCR)	animal	126	0	West Nile virus	0
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Selective sampling	N_A	IgM-capture ELISA (MAC-ELISA) + Seroneutralisation test, serial	animal	4	0	West Nile virus	0
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	N_A	Reverse-transcription PCR (RT-PCR)	animal	777	3	West Nile virus	3
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	N_A	IgM-capture ELISA (MAC-ELISA) + Seroneutralisation test, serial	animal	27	0	West Nile virus	0
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	N_A	Reverse-transcription PCR (RT-PCR)	animal	1717	15	West Nile virus	15
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	N_A	IgM-capture ELISA (MAC-ELISA) + Seroneutralisation test, serial	animal	3	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	N_A	IgM-capture ELISA (MAC-ELISA)	animal	504	13	West Nile virus	13
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	N_A	Reverse-transcription PCR (RT-PCR)	animal	76	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	N_A	IgM-capture ELISA (MAC-ELISA)	animal	88	28	West Nile virus	28

Table YERSINIA:Yersinia in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	total units tested	total units positive	Zoonoses	N units positive
Not Available	Pigs - fattening pigs - Slaughterhouse - Not Available - animal sample - tonsil - Surveillance - Official sampling - Objective sampling	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	animal	30	8	Yersinia enterocolitica	8

Table YERSINIA:Yersinia in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	2	0	Yersinia	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	3	0	Yersinia	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	5	0	Yersinia	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	6	0	Yersinia	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	9	0	Yersinia	0
	Meat from horse - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	5	0	Yersinia	0
	Meat from other poultry species - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 10273:2017 Yersinia enterocolitica	1	0	Yersinia	0
	Meat from pig - carcase - chilled - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	30	5	Yersinia enterocolitica	5
	Meat from pig - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	6	0	Yersinia	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from pig - fresh - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	3	1	Yersinia enterocolitica	1
	Meat from pig - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	19	1	Yersinia enterocolitica	1
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	6	2	Yersinia enterocolitica	2
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	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 units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	5	0	Yersinia	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	23	0	Yersinia	0
	Meat from pig - meat products - fermented sausages - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	11	0	Yersinia	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 10273:2017 Yersinia enterocolitica	7	0	Yersinia	0
	Meat from quails - fresh - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	2	0	Yersinia	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	N units positive
Not Available	Meat from rabbit - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	3	0	Yersinia	0
	Meat from sheep - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	5	0	Yersinia	0
	Meat from turkey - fresh - chilled - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	10	0	Yersinia	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 18867:2015 (Yersinia enterocolitica & pseudotuberculosis) Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis	5	0	Yersinia	0
	Vegetables - non-pre-cut - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 10273:2017 Yersinia enterocolitica	6	0	Yersinia	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 10273:2017 Yersinia enterocolitica	2	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	Fish and fish products	1	12	1	1				
	Cereal products including rice and seeds/pulses (nuts, almonds)	1	8	0	0	1	7	0	0
	Fruit, berries and juices and other products thereof					1	4	0	0
	Bakery products	1	10	0	0				
Bacterial toxins	Meat and meat products	1	9	0	0				
Campylobacter coli	Broiler meat (Gallus gallus) and products thereof	1	4	0	0				
	Meat and meat products	1	6	0	0				
Campylobacter jejuni	Eggs and egg products	1	2	0	0				
	Other or mixed red meat and products thereof	2	7	0	0				
	Broiler meat (Gallus gallus) and products thereof					1	57	0	0
	Other, mixed or unspecified poultry meat and products thereof	1	3	2	0				
	Unknown					7	44	1	0
Campylobacter, unspecified sp.	Eggs and egg products					1	3	0	0
	Broiler meat (Gallus gallus) and products thereof	1	9	0	0				
	Other, mixed or unspecified poultry meat and products thereof					2	26	0	0
	Mixed food					1	2	0	0
	Unknown					8	22	4	0
	Meat and meat products					2	19	0	0
Clostridium botulinum	Vegetables and juices and other products thereof					1	2	1	0
Clostridium perfringens	Pig meat and products thereof					1	9	0	0
	Other, mixed or unspecified poultry meat and products thereof	2	61	0	0	2	29	0	0
	Fish and fish products	1	10	0	1				
	Vegetables and juices and other products thereof	1	22	0	0				
	Herbs and spices	1	30	0	0				
	Unknown					5	237	1	0
	Meat and meat products	5	616	0	0	3	10	0	0
	Sauce and dressings	1	46	0	0				
Cryptosporidium, unspecified sp.	Tap water, including well water	3	569	0	0	1	4	0	0
	Unknown					1	3	1	0
Enteroaggregative E. coli (EAEC)	Other or mixed red meat and products thereof	1	3	0	0				
Enterotoxigenic E. coli (ETEC)	Vegetables and juices and other products thereof	1	2	0	0				

Causative agent	Food vehicle	Outbreak strenght	Strong			Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Enterotoxigenic E. coli (ETEC)	Unknown					1	4	0	0
Histamine	Fish and fish products	11	43	0	0	9	175	0	0
	Unknown					1	11	0	0
Marine biotoxins	Fish and fish products	4	10	0	0	4	12	0	0
Marine biotoxins - ciguatoxin	Fish and fish products	2	4	0	0				
Mushroom toxins	Vegetables and juices and other products thereof	1	8	0	0				
Norovirus	Eggs and egg products					1	7	0	0
	Fish and fish products	2	44	0	0				
	Crustaceans, shellfish, molluscs and products thereof	2	8	0	0	1	2	0	0
	Tap water, including well water	2	650	0	0	1	6	0	0
	Other foods					2	79	0	0
	Mixed food	5	148	0	0	1	62	0	0
	Unknown					10	410	1	0
Not in list	Other, mixed or unspecified poultry meat and products thereof	5	72	0	0				
Salmonella enterica, subspecies enterica	Milk	1	4	3	0				
	Eggs and egg products	3	14	2	0	1	8	2	0
	Broiler meat (Gallus gallus) and products thereof	2	22	0	0				
	Crustaceans, shellfish, molluscs and products thereof	1	3	0	0				
	Mixed food	4	22	3	2	2	10	4	0
	Unknown					3	8	2	0
Salmonella enterica, unspecified O:9	Eggs and egg products	1	17	0	0				
Salmonella Enteritidis	Eggs and egg products	7	53	15	0	9	279	54	1
	Other or mixed red meat and products thereof	1	6	4	0				
	Mixed food	3	91	13	0				
	Unknown					6	107	24	0
Salmonella group B	Unknown					1	12	3	0
Salmonella group C	Eggs and egg products	2	5	0	0				
Salmonella group D	Eggs and egg products	4	10	3	0				
	Broiler meat (Gallus gallus) and products thereof	1	13	0	0	1	6	0	0
	Fish and fish products	1	45	0	1	1	2	0	0
	Mixed food	3	23	1	0				
	Unknown					1	11	0	0
Salmonella spp., unspecified	Milk					2	5	1	0
	Cheese					1	2	1	0
	Eggs and egg products	27	237	35	0	64	349	49	0
	Pig meat and products thereof					1	2	0	0
	Broiler meat (Gallus gallus) and products thereof	3	14	1	0	4	37	4	0
	Fish and fish products	1	19	1	0	2	5	0	0
	Crustaceans, shellfish, molluscs and products thereof	1	21	0	0				
	Fruit, berries and juices and other products thereof					1	2	0	0

Causative agent	Food vehicle	Outbreak strenght	Strong			Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Salmonella spp., unspecified	Bakery products					4	13	4	0
	Other foods	1	2	0	0	6	51	3	0
	Mixed food	12	72	6	0	15	117	6	0
	Buffet meals					1	6	0	0
	Unknown					35	197	23	0
	Meat and meat products	2	28	0	0	3	17	0	0
	Sauce and dressings					2	7	0	0
Salmonella Typhimurium	Mixed food	1	3	0	0				
	Unknown					3	9	1	0
Salmonella Typhimurium, monophasic	Pig meat and products thereof	1	3	0	0				
Shigella flexneri	Fish and fish products	1	2	0	0				
	Unknown					1	2	0	0
Shigella sonnei	Mixed food					2	6	1	0
	Unknown					1	3	0	0
Staphylococcal enterotoxins	Dairy products (other than cheeses)					1	11	0	0
	Cheese	3	17	2	0				
	Eggs and egg products	2	29	0	0	2	7	0	0
	Broiler meat (Gallus gallus) and products thereof					2	5	0	0
	Bakery products					3	58	3	1
	Mixed food	2	33	0	0	1	35	0	0
	Unknown					4	41	0	0
	Meat and meat products					2	10	0	0
Trichinella spiralis	Meat and meat products					1	18	1	0
Unknown	Milk					1	3	0	0
	Cheese	4	12	1	0				
	Eggs and egg products	8	48	2	0	21	120	13	0
	Pig meat and products thereof	1	2	0	0	2	26	0	0
	Other or mixed red meat and products thereof	1	20	1	1				
	Broiler meat (Gallus gallus) and products thereof	4	39	0	0	1	3	0	0
	Other, mixed or unspecified poultry meat and products thereof					2	426	0	0
	Fish and fish products	3	12	0	0	7	31	0	0
	Crustaceans, shellfish, molluscs and products thereof	3	17	0	0	5	115	0	0
	Vegetables and juices and other products thereof					2	19	0	0
	Cereal products including rice and seeds/pulses (nuts, almonds)	1	2	0	0	1	125	0	0
	Fruit, berries and juices and other products thereof					1	3	0	0
	Tap water, including well water	1	15	0	0	2	33	1	0
	Bakery products	4	13	0	0	2	7	0	0
	Other foods					21	105	2	0
	Mixed food	9	276	0	0	26	220	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
Unknown	Buffet meals	1	7	0	0				
	Unknown					29	670	1	1
	Meat and meat products	8	147	0	0	16	85	0	0
	Sauce and dressings					10	37	0	0
Vibrio parahaemolyticus	Crustaceans, shellfish, molluscs and products thereof					2	6	0	0
Yersinia enterocolitica	Pig meat and products thereof					1	2	0	0
	Mixed food					1	3	0	0
	Unknown					1	3	0	0
	Meat and meat products	1	3	1	0				
Yersinia, unspecified sp.	Unknown					1	2	0	0

Strong Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Bacillus cereus	Not Available	Not Available	Not Available	Not Available	2023-177	General	Bakery products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	Domestic premises	Unknown	Storage time/temperature abuse;Inadequate chilling	N_A	1	10	0	0
					2023-220	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate chilling;Cross-contamination	N_A	1	8	0	0
					2023-264	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Unknown	Unknown	Unknown	N_A	1	12	1	1
Bacterial toxins	Not Available	Not Available	Not Available	Not Available	2023-311	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	Sulphite reducing Clostridium	1	9	0	0
Campylobacter coli	Not Available	Not Available	Not Available	Not Available	2023-219	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	6	0	0
					2023-317	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	4	0	0
Campylobacter jejuni	Not Available	Not Available	Not Available	Not Available	2023-176	Household	Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Inadequate heat treatment	N_A	1	5	0	0
					2023-222	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Spain	Other contributory factor	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	Not Available	Not Available	Not Available	Not Available	2023-260	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Unknown	Unknown	Inadequate heat treatment;Inadequate chilling;Cross-contamination	N_A	1	3	2	0
					2023-321	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	Unknown	N_A	1	2	0	0
Campylobacter, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2023-247	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	9	0	0
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2023-033	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Not Available	Unknown	Unknown	N_A	1	22	0	0
					2023-064	General	Sauce and dressings	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Not Available	Unknown	Unprocessed contaminated ingredient;Inadequate chilling;Cross-contamination	N_A	1	46	0	0
					2023-110	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Not Available	Unknown	Unknown	N_A	1	10	0	1
					2023-124	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Not Available	Unknown	Other contributory factor	N_A	1	13	0	0
					2023-156	General	Herbs and spices	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Nursing home	Not Available	Unknown	Unprocessed contaminated ingredient	N_A	1	30	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2023-197	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Others	Unknown	Storage time/temperature abuse;Other contributory factor	N_A	1	165	0	0
					2023-208	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	School or kindergarten	Unknown	Storage time/temperature abuse	N_A	1	40	0	0
					2023-225	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Storage time/temperature abuse;Other contributory factor;Cross-contamination	N_A	1	21	0	0
					2023-227	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Storage time/temperature abuse;Other contributory factor;Inadequate heat treatment	N_A	1	3	0	0
					2023-237	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Storage time/temperature abuse;Other contributory factor	N_A	1	9	0	0
					2023-274	General	Meat and meat products	N_A	Descriptive epidemiological evidence	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	426	0	0
Cryptosporidium, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2023-210	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	Others	Water source	Unknown	Unknown	N_A	1	119	0	0
					2023-258	General	Tap water, including well water	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	2	450	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
Enteroaggregative E. coli (EAEC)	Not Available	Not Available	Not Available	Not Available	2023-243	General	Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	3	0	0
Enterotoxigenic E. coli (ETEC)	Not Available	Not Available	Not Available	Not Available	2023-266	Unknown	Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	1	2	0	0
Histamine	Not Available	Not Available	Not Available	Not Available	2023-179	Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Storage time/temperature abuse;Inadequate chilling	N_A	1	3	0	0
					2023-180	Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	2	0	0
					2023-248	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	3	6	0	0
					2023-253	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate chilling	N_A	1	3	0	0
					2023-257	Unknown	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	4	23	0	0
					2023-267	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
Marine biotoxins	Not Available	Not Available	Not Available	Not Available	2023-213	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	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
Marine biotoxins	Not Available	Not Available	Not Available	Not Available	2023-244	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Storage time/temperature abuse;Other contributory factor;Inadequate chilling	N_A	1	2	0	0
					2023-268	Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2023-295	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Marine biotoxins - ciguatoxin	Not Available	Not Available	Not Available	Not Available	2023-209	Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Domestic premises	Water source	Spain	Unknown	N_A	1	2	0	0
					2023-211	Household	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Domestic premises	Water source	Spain	Unknown	N_A	1	2	0	0
Mushroom toxins	Not Available	Not Available	Not Available	Not Available	2023-147	General	Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Unknown	Other contributory factor	N_A	1	8	0	0
Norovirus	Not Available	Not Available	Not Available	Not Available	2023-238	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unprocessed contaminated ingredient;Other contributory factor	N_A	1	2	0	0
					2023-270	Unknown	Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Water treatment failure	N_A	1	580	0	0
					2023-277	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	3	79	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Not Available	Not Available	Not Available	Not Available	2023-278	Unknown	Tap water, including well water	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	1	70	0	0
					2023-279	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Other contributory factor;Infected food handler	N_A	1	18	0	0
					2023-283	General	Mixed food	N_A	Descriptive epidemiological evidence	Nursing home	Unknown	Unknown	Unknown	N_A	1	51	0	0
					2023-291	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate heat treatment;Cross-contamination	N_A	1	41	0	0
					2023-309	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	1	6	0	0
					2023-320	Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	0	0
Not in list	Not Available	Not Available	Not Available	Not Available	2023-206	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	School or kindergarten	Unknown	Unprocessed contaminated ingredient	N_A	2	20	0	0
					2023-207	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	School or kindergarten	Unknown	Unknown	N_A	3	52	0	0
Salmonella enterica, subspecies enterica	Not Available	Not Available	Not Available	Not Available	2023-181	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	5	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella enterica, subspecies enterica	Not Available	Not Available	Not Available	Not Available	2023-234	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	18	0	0
					2023-250	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	5	0	0
					2023-282	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Inadequate chilling	N_A	1	4	2	0
					2023-284	Household	Milk	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	4	3	0
					2023-285	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	2	2
					2023-289	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Other contributory factor	N_A	1	4	0	0
					2023-315	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate chilling;Cross-contamination	N_A	1	3	0	0
					2023-323	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	3	19	1	0
Salmonella enterica, unspecified O:9	Not Available	Not Available	Not Available	Not Available	2023-298	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	17	0	0
Salmonella Enteritidis	Not Available	Not Available	Not Available	Not Available	2023-130	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Unknown	Inadequate heat treatment;Inadequate chilling	N_A	1	8	0	0
					2023-184	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Inadequate heat treatment;Inadequate chilling	N_A	1	4	2	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Enteritidis	Not Available	Not Available	Not Available	Not Available	2023-205	Household	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Domestic premises	Farm	Unknown	Unknown	N_A	1	2	0	0
					2023-216	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Inadequate chilling	N_A	1	14	5	0
					2023-217	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Infected food handler	N_A	1	15	5	0
					2023-230	General	Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	6	4	0
					2023-236	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Inadequate heat treatment;Inadequate chilling	N_A	1	7	1	0
					2023-293	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	82	13	0
					2023-296	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Other contributory factor;Cross-contamination	N_A	1	9	0	0
					2023-303	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Inadequate heat treatment	N_A	1	3	2	0
Salmonella group C	Not Available	Not Available	Not Available	Not Available	2023-191	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Others	Others	Unknown	Unknown	N_A	1	2	0	0
					2023-245	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Inadequate heat treatment	N_A	1	3	0	0
Salmonella group D	Not Available	Not Available	Not Available	Not Available	2023-188	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Unknown	Others	Unknown	Unknown	N_A	1	13	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella group D	Not Available	Not Available	Not Available	Not Available	2023-212	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	45	0	1
					2023-214	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	3	1	0
					2023-232	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Spain	Other contributory factor	N_A	1	3	0	0
					2023-233	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Water treatment failure;Other contributory factor	N_A	1	8	0	0
					2023-256	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	1	0
					2023-263	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2023-280	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	12	0	0
					2023-308	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Other contributory factor;Inadequate heat treatment	N_A	1	2	2	0
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2023-038	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Residential institutions (prison or boarding school)	Not Available	Portugal	Other contributory factor	N_A	1	5	1	0
					2023-182	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	3	0	0
					2023-186	General	Other foods	N_A	Descriptive epidemiological evidence	Others	Others	Spain	Unknown	N_A	1	2	0	0
					2023-192	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Others	Unknown	Unknown	N_A	1	4	0	0
					2023-228	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	4	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2023-235	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor;Cross-contamination	N_A	1	21	0	0
					2023-246	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	3	0	0
					2023-251	Unknown	Mixed food	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	3	7	1	0
					2023-252	Household	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Unknown	Unknown	Unknown	N_A	1	5	1	0
					2023-254	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unprocessed contaminated ingredient;Inadequate heat treatment	N_A	1	6	1	0
					2023-261	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	1	4	1	0
					2023-262	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	25	0	0
					2023-265	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	6	94	14	0
					2023-269	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	16	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2023-275	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	3	10	3	0
					2023-276	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	14	0	0
					2023-290	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	31	5	0
					2023-299	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	3	0	0
					2023-300	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate chilling	N_A	1	18	7	0
					2023-301	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	19	1	0
					2023-302	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Other contributory factor	N_A	1	4	0	0
					2023-305	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	4	35	2	0
					2023-307	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	8	29	3	0
					2023-310	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Unknown	Unknown	Unknown	N_A	1	6	0	0
					2023-312	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Inadequate heat treatment	N_A	2	5	1	0
					2023-316	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse;Inadequate chilling	N_A	1	4	1	0
					2023-322	General	Mixed food	N_A	Descriptive epidemiological evidence	Nursing home	Unknown	Unknown	Unknown	N_A	1	16	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Typhimurium	Not Available	Not Available	Not Available	Not Available	2023-240	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	3	0	0
Salmonella Typhimurium, monophasic	Not Available	Not Available	Not Available	Not Available	2023-196	General	Pig meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Others	Unknown	Storage time/temperature abuse;Infected food handler;Inadequate chilling	N_A	1	3	0	0
Shigella flexneri	Not Available	Not Available	Not Available	Not Available	2023-319	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Staphylococcal enterotoxins	Not Available	Not Available	Not Available	Not Available	2023-187	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Others	Unknown	Unknown	N_A	1	8	0	0
					2023-193	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Others	Unknown	Unknown	N_A	1	2	1	0
					2023-286	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
					2023-287	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	30	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Staphylococcal enterotoxins	Not Available	Not Available	Not Available	Not Available	2023-292	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Multiple places of exposure in one country	Unknown	Unknown	Unknown	N_A	1	7	1	0
					2023-294	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	29	0	0
Unknown	Not Available	Not Available	Not Available	Not Available	2023-109	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Others	Not Available	Unknown	Storage time/temperature abuse;Other contributory factor	N_A	1	14	1	0
					2023-178	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Unknown	Unknown	N_A	1	3	0	0
					2023-183	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Domestic premises	Spain	Unknown	N_A	1	4	0	0
					2023-185	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Others	Unknown	Unknown	N_A	1	4	0	0
					2023-189	Household	Cheese	N_A	Descriptive epidemiological evidence	Domestic premises	Others	Unknown	Unknown	N_A	1	2	0	0
					2023-190	General	Mixed food	N_A	Descriptive epidemiological evidence	Others	Others	Spain	Storage time/temperature abuse;Other contributory factor	N_A	1	14	0	0
					2023-194	Household	Pig meat and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Others	Unknown	Unknown	N_A	1	2	0	0
					2023-195	General	Cheese	N_A	Descriptive epidemiological evidence	Others	Others	Spain	Unknown	N_A	1	2	0	0
					2023-198	General	Bakery products	N_A	Descriptive epidemiological evidence	Not Available	Others	Unknown	Unknown	N_A	1	3	0	0
					2023-199	Household	Cheese	N_A	Descriptive epidemiological evidence	Domestic premises	Others	Unknown	Inadequate chilling;Cross-contamination	N_A	1	5	0	0
					2023-200	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Others	Others	Unknown	Unknown	N_A	1	2	0	0
					2023-201	General	Tap water, including well water	N_A	Descriptive epidemiological evidence	Others	Others	Unknown	Unknown	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
Unknown	Not Available	Not Available	Not Available	Not Available	2023-202	Household	Bakery products	N_A	Descriptive epidemiological evidence	Domestic premises	Others	Unknown	Unknown	N_A	2	4	0	0
					2023-203	General	Mixed food	N_A	Descriptive epidemiological evidence	Others	Others	Spain	Other contributory factor;Inadequate heat treatment;Inadequate chilling	N_A	1	200	0	0
					2023-204	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Others	Others	Spain	Unknown	N_A	1	30	0	0
					2023-215	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	3	0	0
					2023-218	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	0	0
					2023-221	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Inadequate chilling	N_A	1	4	0	0
					2023-223	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Spain	Unknown	N_A	3	7	0	0
					2023-224	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Spain	Other contributory factor	N_A	1	2	0	0
					2023-226	General	Buffet meals	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	7	0	0
					2023-229	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	0	0
					2023-231	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Other contributory factor	N_A	1	3	0	0
					2023-239	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	9	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2023-241	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Spain	Unknown	N_A	1	2	0	0
					2023-242	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	2	5	0	0
					2023-249	Unknown	Fish and fish products	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	1	2	0	0
					2023-255	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	9	0	0
					2023-259	General	Bakery products	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	6	0	0
					2023-271	Household	Cheese	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	1	0
					2023-272	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	5	1	0
					2023-273	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse;Inadequate chilling	N_A	1	74	0	0
					2023-281	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	3	52	0	0
					2023-297	Household	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	4	0	0
					2023-304	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	3	0	0
					2023-306	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Nursing home	Unknown	Unknown	Unknown	N_A	1	15	0	0
					2023-313	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	45	0	0
					2023-314	Household	Meat and meat products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	0	0
					2023-318	General	Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Nursing home	Unknown	Unknown	Unknown	N_A	1	20	1	1
					2023-324	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2023-325	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	11	0	0
Yersinia enterocolitica	Not Available	Not Available	Not Available	Not Available	2023-288	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	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	Not Available	Not Available	Not Available	Not Available	2023-024	General	Fruit, berries and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2023-058	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	7	0	0
Campylobacter jejuni	Not Available	Not Available	Not Available	Not Available	2023-003	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	4	9	0	0
					2023-097	General	Unknown	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2023-120	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	23	1	0
					2023-165	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	57	0	0
					2023-172	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	0	0
Campylobacter, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2023-040	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2023-045	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	26	0	0
					2023-078	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	1	0
					2023-080	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2023-081	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	5	10	3	0
					2023-087	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	19	0	0
					2023-121	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	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, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2023-154	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
Clostridium botulinum	Not Available	Not Available	Not Available	Not Available	2023-012	Household	Vegetables and juices and other products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	1	0
Clostridium perfringens	Not Available	Not Available	Not Available	Not Available	2023-021	General	Pig meat and products thereof	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	9	0	0
					2023-022	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	10	0	0
					2023-062	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	3	128	1	0
					2023-092	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-122	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	107	0	0
					2023-174	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	29	0	0
Cryptosporidium, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2023-090	Household	Tap water, including well water	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2023-129	General	Unknown	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	3	1	0
Enterotoxigenic E. coli (ETEC)	Not Available	Not Available	Not Available	Not Available	2023-125	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	4	0	0
Histamine	Not Available	Not Available	Not Available	Not Available	2023-005	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	11	0	0
					2023-023	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	5	14	0	0
					2023-028	Household	Fish and fish products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-140	General	Fish and fish products	N_A	Unknown	Canteen or workplace catering	Not Available	Not Available	Not Available	N_A	1	154	0	0
					2023-161	General	Fish and fish products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	2	5	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Marine biotoxins	Not Available	Not Available	Not Available	Not Available	2023-037	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	4	0	0
					2023-135	Household	Fish and fish products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	8	0	0
Norovirus	Not Available	Not Available	Not Available	Not Available	2023-002	General	Other foods	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	54	0	0
					2023-004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	25	0	0
					2023-007	General	Unknown	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	52	0	0
					2023-009	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2023-016	General	Tap water, including well water	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	6	0	0
					2023-019	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	62	0	0
					2023-026	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	29	0	0
					2023-054	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	197	0	0
					2023-066	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	3	104	1	0
					2023-070	Household	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-096	General	Unknown	N_A	Unknown	Hospital or medical care facility	Not Available	Not Available	Not Available	N_A	1	23	0	0
					2023-116	General	Eggs and egg products	N_A	Unknown	Hospital or medical care facility	Not Available	Not Available	Not Available	N_A	1	7	0	0
Salmonella enterica, subspecies enterica	Not Available	Not Available	Not Available	Not Available	2023-063	General	Mixed food	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-098	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	8	4	0
					2023-164	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	3	8	2	0
					2023-168	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	8	2	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Enteritidis	Not Available	Not Available	Not Available	Not Available	2023-027	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	4	97	24	0
					2023-089	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	8	0	0
					2023-102	General	Eggs and egg products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	32	17	0
					2023-106	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-115	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	6	238	34	1
					2023-134	General	Eggs and egg products	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	6	1	0
					2023-137	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	3	2	0
Salmonella group B	Not Available	Not Available	Not Available	Not Available	2023-043	General	Unknown	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	12	3	0
Salmonella group D	Not Available	Not Available	Not Available	Not Available	2023-051	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	11	0	0
					2023-126	Household	Fish and fish products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-141	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	6	0	0
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2023-001	General	Bakery products	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	3	1	0
					2023-006	General	Unknown	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2023-010	General	Bakery products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	7	1	0
					2023-011	Unknown	Mixed food	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	3	17	1	0
					2023-017	Unknown	Other foods	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	2	0
					2023-031	General	Milk	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2023-035	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	8	0	0
					2023-036	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	2	29	5	0
					2023-046	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	6	81	3	0
					2023-047	Household	Other foods	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2023-057	Household	Mixed food	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	5	15	2	0
					2023-060	Unknown	Eggs and egg products	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	7	2	0
					2023-067	General	Cheese	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	1	0
					2023-073	Household	Meat and meat products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	9	0	0
					2023-074	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-083	General	Other foods	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-085	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	16	93	10	0
					2023-086	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	28	137	8	0
					2023-095	General	Eggs and egg products	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	3	1	0
					2023-100	General	Eggs and egg products	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	4	18	3	0
					2023-101	General	Sauce and dressings	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	7	0	0
					2023-107	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	5	0	0
					2023-111	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	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
Salmonella spp., unspecified	Not Available	Not Available	Not Available	Not Available	2023-119	General	Milk	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	2	1	0
					2023-127	Household	Fruit, berries and juices and other products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-133	General	Bakery products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	3	2	0
					2023-136	General	Eggs and egg products	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	37	4	0
					2023-138	Household	Pig meat and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-139	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	29	0	0
					2023-142	General	Eggs and egg products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	3	40	3	0
					2023-148	General	Mixed food	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2023-152	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	21	4	0
					2023-153	General	Buffet meals	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	6	0	0
					2023-157	General	Other foods	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	14	1	0
					2023-160	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	13	2	0
					2023-162	General	Unknown	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	8	2	0
					2023-170	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	11	45	4	0
					2023-171	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	26	107	28	0
					2023-175	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	13	0	0
Salmonella Typhimurium	Not Available	Not Available	Not Available	Not Available	2023-118	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	1	0
					2023-146	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-173	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0
Shigella flexneri	Not Available	Not Available	Not Available	Not Available	2023-032	General	Unknown	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Shigella sonnei	Not Available	Not Available	Not Available	Not Available	2023-015	Household	Mixed food	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-088	Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-112	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	1	0
Staphylococcal enterotoxins	Not Available	Not Available	Not Available	Not Available	2023-025	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-039	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	38	0	0
					2023-041	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	5	0	0
					2023-048	General	Bakery products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	52	1	1
					2023-099	Household	Bakery products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	0	0
					2023-103	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	7	0	0
					2023-104	General	Bakery products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	2	2	0
					2023-105	General	Dairy products (other than cheeses)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	11	0	0
					2023-158	General	Mixed food	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	35	0	0
					2023-167	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	10	0	0
Trichinella spiralis	Not Available	Not Available	Not Available	Not Available	2023-114	General	Meat and meat products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	18	1	0
Unknown	Not Available	Not Available	Not Available	Not Available	2023-008	Unknown	Meat and meat products	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-013	General	Eggs and egg products	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2023-014	General	Bakery products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-018	General	Unknown	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	9	0	0
					2023-020	General	Tap water, including well water	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	30	0	0
					2023-030	General	Mixed food	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	15	0	0
					2023-034	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	4	15	0	0
					2023-042	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	7	31	0	0
					2023-044	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	12	0	0
					2023-049	General	Mixed food	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	2	26	0	0
					2023-050	Household	Mixed food	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	3	10	0	0
					2023-053	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	2	426	0	0
					2023-055	General	Meat and meat products	N_A	Unknown	Catering on aircraft or ship or train	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2023-056	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	13	91	10	0
					2023-059	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	14	60	2	0
					2023-061	General	Unknown	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	3	92	1	1
					2023-065	General	Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	15	150	0	0
					2023-068	General	Pig meat and products thereof	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	2	26	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2023-071	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	10	52	0	0
					2023-072	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	100	0	0
					2023-075	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	7	0	0
					2023-076	General	Meat and meat products	N_A	Unknown	Hospital or medical care facility	Not Available	Not Available	Not Available	N_A	1	6	0	0
					2023-077	General	Mixed food	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	2	46	0	0
					2023-079	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	4	370	0	0
					2023-082	Unknown	Milk	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-093	Household	Vegetables and juices and other products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	7	0	0
					2023-094	Household	Meat and meat products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	11	0	0
					2023-108	General	Meat and meat products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	6	0	0
					2023-113	General	Eggs and egg products	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-117	General	Unknown	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	4	42	0	0
					2023-123	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	18	123	2	0
					2023-128	General	Sauce and dressings	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	9	35	0	0
					2023-131	General	Fruit, berries and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-143	Household	Tap water, including well water	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	3	1	0
					2023-144	Unknown	Sauce and dressings	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-145	Unknown	Other foods	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	2	23	0	0
					2023-149	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	3	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	Not Available	Not Available	Not Available	Not Available	2023-150	General	Meat and meat products	N_A	Unknown	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-151	Household	Other foods	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	4	12	0	0
					2023-155	General	Other foods	N_A	Unknown	Nursing home	Not Available	Not Available	Not Available	N_A	1	10	0	0
					2023-159	General	Bakery products	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	5	0	0
					2023-163	Unknown	Eggs and egg products	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	4	19	1	0
					2023-166	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Others	Not Available	Not Available	Not Available	N_A	1	125	0	0
					2023-169	Household	Eggs and egg products	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	2	5	2	0
Vibrio parahaemolyticus	Not Available	Not Available	Not Available	Not Available	2023-029	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	6	0	0
Yersinia enterocolitica	Not Available	Not Available	Not Available	Not Available	2023-052	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	3	0	0
					2023-069	Household	Pig meat and products thereof	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
					2023-084	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
Yersinia, unspecified sp.	Not Available	Not Available	Not Available	Not Available	2023-132	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**18**	**18**	**18**	**18**	**18**	**18**
MIC	**N of resistant isolates**	**0**	**15**	**6**	**1**	**0**	**12**
<=0.125			1	5			
<=0.25						10	
0.25			2	4			
<=0.5							6
0.5				3		6	
<=1					14		
1				5		2	
<=2		11					
2				1	2		
4		6	2				
8		1	4		1		
16			7				
32			2				1
64							4
>64							7
256					1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Selective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**1**	**0**	**0**	**1**	**1**
<=0.125				1			
4					1		
8		1					
>16						1	
>32			1				
>64							1

Table Antimicrobial susceptibility testing of Campylobacter coli in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**162**	**162**	**162**	**162**	**162**	**162**
MIC	**N of resistant isolates**	**0**	**144**	**3**	**66**	**11**	**153**
<=0.125			12	102			
<=0.25						4	
0.25			6	39			
<=0.5							7
0.5				18		101	
<=1					81		
1				3		46	2
<=2		75					
2					13		
4		77	4		2		1
8		10	37				
16			70			1	4
>16						10	
32			27		1		5
>32			6				
64					1		27
>64							116
128					2		
256					4		
512					28		

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**8**	**2**	**2**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**162**	**162**	**162**	**162**	**162**	**162**
MIC	**N of resistant isolates**	**0**	**144**	**3**	**66**	**11**	**153**
>512					30		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
	ECOFF	**16**	**0.5**	**0.5**	**4**	**2**	**1**
	Lowest limit	**2**	**0.125**	**0.125**	**1**	**0.25**	**0.5**
	Highest limit	**64**	**32**	**4**	**512**	**16**	**64**
	N of tested isolates	**81**	**81**	**81**	**81**	**81**	**81**
MIC	**N of resistant isolates**	**0**	**54**	**0**	**0**	**0**	**57**
<=0.125			26	70			
<=0.25						54	
0.25			1	9			
<=0.5							24
0.5				2		27	
<=1					80		
<=2		77					
2					1		
4		4	1				
8			28				
16			19				
32			6				3
64							22
>64							32

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**9**	**9**	**9**	**9**	**9**	**9**	**9**
				N of resistant isolates	**0**	**0**	**1**	**1**	**1**	**0**	**1**
Not Available	Not Available	Not Available	<=0.03			9					
			<=0.25							4	4
			<=0.5		8						
			0.5							5	4
			1		1						
			<=2						6		
			<=4				7				
			4						2		
			8				1				
			16				1	3			
			>16								1
			32					4			
			>32						1		
			64					1			
			>512					1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Barranquilla 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella 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: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Cerro 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Choleraesuis 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	21	21	21	21	21	21	21	21
				N of resistant isolates	0	5	0	0	0	0	3	0
Not Available	Not Available	Not Available	<=0.015								15	
			0.03								3	
			<=0.25					21				
			0.5						19		3	
			<=1			11						21
			1						2			
			2			5						
			<=4		21							
			4				1					
			<=8							20		
			8				16					
			16				4			1		
			>32			5						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**21**	**21**	**21**	**21**	**21**	**21**	**21**
				N of resistant isolates	**0**	**0**	**2**	**10**	**7**	**0**	**7**
Not Available	Not Available	Not Available	<=0.03			16					
			0.064			5					
			<=0.25							18	10
			<=0.5		21						
			0.5							3	4
			<=2						12		
			<=4				17				
			4						2		
			8				2				
			16					1			
			>16								7
			32				2	8	1		
			>32						6		
			64					2			
			>512					10			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella I 4,12:-:- 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella I 4,12:d:- in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella I 6,7:-:1,5 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Isangi 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Mikawasima 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Ohio 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

Table Antimicrobial susceptibility testing of Salmonella Panama 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	31	31	31	31	31	31	31	31
				N of resistant isolates	0	22	1	0	0	14	14	0
Not Available	Not Available	Not Available	<=0.015								12	
			0.03								5	
			<=0.25					31				
			0.25								9	
			0.5						26		4	
			<=1			3						31
			1						5		1	
			2			6						
			<=4		31							
			4				2					
			<=8							16		
			8				27					
			16				1			1		
			>32			22						
			>64				1			14		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**31**	**31**	**31**	**31**	**31**	**31**	**31**
			MIC / **N of resistant isolates**	**12**	**0**	**14**	**23**	**19**	**1**	**19**
Not Available	Not Available	Not Available	<=0.03		29					
			0.064		2					
			<=0.25						8	7
			<=0.5	15						
			0.5						22	5
			1	4					1	
			<=2					12		
			<=4			17				
			16	1		1	1			
			>16	11						19
			32			1	2			
			>32					19		
			64				5			
			>64			12				
			>512				23			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	4	8	16	0.5	2	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	13	13	13	13	13	13	13	13
				N of resistant isolates	0	13	0	0	0	8	6	0
Not Available	Not Available	Not Available	<=0.015								2	
			0.03								5	
			<=0.25					13	10			
			0.25								3	
			0.5						3		3	
			<=1									13
			<=4		13							
			4				9					
			<=8							4		
			8				3					
			16				1			1		
			>32			13						
			>64							8		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
			ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
			Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
			Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
			N of tested isolates	**13**	**13**	**13**	**13**	**13**	**13**	**13**
			MIC / **N of resistant isolates**	**0**	**0**	**6**	**12**	**11**	**0**	**0**
Not Available	Not Available	Not Available	<=0.03		8					
			0.064		5					
			<=0.25						12	13
			<=0.5	10						
			0.5						1	
			1	2						
			<=2					2		
			2	1						
			<=4			5				
			8			2				
			16			1				
			32				1	4		
			>32					7		
			>64			5				
			512				1			
			>512				11			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
			AM substance								
			ECOFF	**4**	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**
			Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
			Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
			N of tested isolates	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**
			N of resistant isolates	**0**	**51**	**1**	**0**	**0**	**11**	**20**	**0**
Not Available	Not Available	Not Available	<=0.015							12	
			0.03							23	
			<=0.25				55	35			
			0.25							3	
			0.5					19		13	
			<=1		1						55
			1					1		2	
			<=2			2					
			2		3					2	
			<=4	55							
			4			26					
			<=8						43		
			8			23					
			16			3			1		
			>32		51						
			>64			1			11		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**256**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**55**	**55**	**55**	**55**	**55**	**55**	**55**
				N of resistant isolates	**1**	**0**	**18**	**47**	**44**	**1**	**11**
Not Available	Not Available	Not Available	<=0.03			33					
			0.064			22					
			<=0.25							37	43
			<=0.5		48						
			0.5							17	1
			1		6					1	
			<=2						6		
			<=4				26				
			4						4		
			8				11		1		
			16				3	3			
			>16		1						11
			32				12	5			
			>32						44		
			64				2				
			>64				1				
			>512					47			

Table Antimicrobial susceptibility testing of Salmonella Uganda 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

ANTIMICROBIAL RESISTANCE TABLES FOR ESCHERICHIA COLI

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
			ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
			Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
			Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
			N of tested isolates	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**
			MIC N of resistant isolates	**0**	**24**	**2**	**0**	**0**	**34**	**9**	**0**
Not Available	Not Available	Not Available	<=0.015							149	
			0.03							11	
			0.125							2	
			<=0.25				169	168			
			0.25							6	
			0.5					1			
			<=1		10						169
			<=2			10					
			2		53						
			<=4	165							
			4		76	107					
			<=8						134		
			8	4	6	50				1	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**169**	**169**	**169**	**169**	**169**	**169**	**169**	**169**
				N of resistant isolates	**0**	**24**	**2**	**0**	**0**	**34**	**9**	**0**
Not Available	Not Available	Not Available	16			1				1		
			32							1		
			>32			23						
			64				1			3		
			>64				1			30		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**169**	**169**	**169**	**169**	**169**	**169**	**169**
Not Available	Not Available	Not Available		**N of resistant isolates**	**2**	**0**	**4**	**43**	**53**	**0**	**12**
			<=0.03			168					
			0.064			1					
			<=0.25							165	111
			<=0.5		133						
			0.5							4	46
			1		32						
			<=2						110		
			2		2						
			<=4				163				
			4						4		
			<=8					63			
			8		2		2		2		
			16					43			
			>16								12
			32					19	7		
			>32						46		
			64					1			
			>64				4				
			>512					43			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMP C Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	128
			N of tested isolates	1	1	1	1	1	1	1	1	1	1
			N of resistant isolates	1	1	1	0	0	0	1	1	1	1
Not Available	Not Available	OXA-48	MIC										
			<=0.125						1				
			<=0.25					1					
			0.25	1									
			0.5									1	
			1			1							
			2		1					1	1		
			8				1						
			>128										1

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: CARBA MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	1	1	1	1	1	1	1	1
				N of resistant isolates	0	1	0	1	0	1	1	0
Not Available	Not Available	OXA-48	<=0.25						1			
			0.25								1	
			<=1									1
			2					1				
			<=4	1								
			4				1					
			32							1		
			>32			1						

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
				N of resistant isolates	**0**	**1**	**1**	**1**	**1**	**0**	**1**
Not Available	Not Available	OXA-48	<=0.5		1						
			0.5			1				1	
			16				1				
			>16								1
			>32						1		
			>512					1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	128
			N of tested isolates	173	173	173	173	173	173	173	173	173	173
			N of resistant isolates	160	173	28	37	148	27	0	0	0	0
Not Available	Not Available	Not Available	MIC										
			<=0.015							114			
			<=0.03									173	
			0.03							45			
			<=0.064	2		128							
			0.064							14			
			<=0.125						108		88		
			0.125	11		16							
			<=0.25					2					
			0.25	12		1			36		84		
			0.5	11				23	2		1		
			1	31		5		48					
			2	38	4	3	11	21	4				11
			4	29	4	10	81	18	14				68
			8	10	16	7	44	36	6				85
			16	15	12	3	9	19	1				9

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF		**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit		**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit		**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates		**173**	**173**	**173**	**173**	**173**	**173**	**173**	**173**	**173**	**173**
			N of resistant isolates		**160**	**173**	**28**	**37**	**148**	**27**	**0**	**0**	**0**	**0**
Not Available	Not Available	Not Available	32		7	32		6	3	1				
			>32		7									
			64			69		15	2	1				
			>64			36		7						
			128						1					

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes: Not Available

AMPC Genes: Not Available

CARBA Genes: Not Available

MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
	ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
	Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
	Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
	N of tested isolates	**173**	**173**	**173**	**173**	**173**	**173**	**173**	**173**
	N of resistant isolates	**0**	**173**	**15**	**173**	**148**	**147**	**146**	**0**
<=0.015								27	
0.125								9	
<=0.25						2			
0.25								88	
0.5						23		16	
<=1									173
1						57		6	
<=2				12					
2					4	13			
<=4	167								
4				89	8	17			
>4					161				
<=8							25		
8	6			55		36		6	
>8						25		21	
16				2			1		
32				5			2		
>32		173							
64				6			12		
>64				4			133		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**173**	**173**	**173**	**173**	**173**	**173**	**173**
Not Available	Not Available	Not Available		**N of resistant isolates**	**50**	**0**	**44**	**130**	**155**	**1**	**128**
			<=0.03			173					
			<=0.25							161	33
			<=0.5		76						
			0.5							11	12
			1		42					1	
			<=2						17		
			2		5						
			<=4				69				
			4						1		
			<=8					27			
			8		4		60				
			16		26		10	15			
			>16		20						128
			32				4	1	19		
			>32						136		
			64				1				
			>64				29				
			>512					130			

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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**
				N of resistant isolates	**0**	**115**	**4**	**1**	**0**	**66**	**72**	**0**
Not Available	Not Available	Not Available	<=0.015								91	
			0.03								7	
			0.125								2	
			<=0.25					169	158			
			0.25								42	
			0.5						12		16	
			<=1			4						169
			1								3	
			<=2				24					
			2			11					2	1
			<=4		164							
			4			37	83				2	
			>4					1				
			<=8							101		
			8		6	3	57				4	
			>8								1	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**
				N of resistant isolates	**0**	**115**	**4**	**1**	**0**	**66**	**72**	**0**
Not Available	Not Available	Not Available	16				2			3		
			32			1				6		
			>32			114						
			64							7		
			>64				4			53		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**
				N of resistant isolates	**4**	**0**	**29**	**81**	**101**	**0**	**79**
Not Available	Not Available	Not Available	<=0.03			170					
			<=0.25							155	68
			<=0.5	102							
			0.5							15	22
			1	56							1
			<=2						58		
			2	8							
			<=4				110				
			4						6		
			<=8					55			
			8				31		5		
			16	1			7	32	2		
			>16	3							79
			32				1	1	5		
			>32						94		
			64					1			
			>64				21				
			>512					81			

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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	128
			N of tested isolates	23	23	23	23	23	23	23	23	23	23
			N of resistant isolates	16	20	18	6	5	3	23	19	22	23
Not Available	Not Available	Not Available	MIC										
			1	1								1	
			2							1	1		
			16		1			1					
			32			1			1				
			64				1						
			>128										1
		OXA-48	<=0.125						3				
			0.125	6								1	
			<=0.25		1			10					
			0.25	7		3			9		2	6	
			0.5	3	5	8		4	4	1	1	5	
			1		7	4		1		9	2	6	
			2	1	2	1		1		7	13		
			>2							1			
			4		1	1	7	1	1				

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance: Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**23**	**23**	**23**	**23**	**23**	**23**	**23**	**23**	**23**	**23**
			N of resistant isolates	**16**	**20**	**18**	**6**	**5**	**3**	**23**	**19**	**22**	**23**
Not Available	Not Available	OXA-48	8			1	6						
			16		1		2	1	1				
			32	1			2						
			64		1		1						
			128										1
			>128										17
		OXA-181	<=0.125						1				
			0.125	1		1							
			<=0.25		2			3					
			0.25	3		1			2		1	4	
			0.5		2	2		1	1				
			1							3	3		
			2							1			
			4				2						
			8				2						
			>128										4

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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	23	23	23	23	23	23	23	23
				N of resistant isolates	0	23	5	21	5	17	21	0
Not Available	Not Available	Not Available	<=1									1
			<=4	1								
			>4					1				
			8				1				1	
			>8						1			
			>32			1						
			>64							1		
		OXA-48	<=0.015								2	
			0.125								1	
			<=0.25						10			
			0.25								3	
			0.5					7	4		1	
			<=1									18
			1					6	1		1	
			<=2				1					
			2					2	1			
			<=4	18								
			4				3	1	1			
			>4					2				
			<=8							5		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**23**	**23**	**23**	**23**	**23**	**23**	**23**	**23**
				N of resistant isolates	**0**	**23**	**5**	**21**	**5**	**17**	**21**	**0**
Not Available	Not Available	OXA-48	8				7				4	
			>8						1		6	
			16				4					
			32				1			1		
			>32			18						
			64				1			1		
			>64				1			11		
		OXA-181	<=0.25					2	4			
			0.25								1	
			0.5					2				
			<=1									4
			<=4		4							
			4				2					
			>8								3	
			16							1		
			>32			4						
			>64				2			3		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**23**	**23**	**23**	**23**	**23**	**23**	**23**
			MIC	**N of resistant isolates**	**6**	**22**	**17**	**18**	**16**	**1**	**15**
Not Available	Not Available	Not Available		<=0.25						1	
				1		1					
				8	1						
				>16							1
				>32					1		
				>64			1				
				>512				1			
		OXA-48		0.125		1					
				<=0.25						16	3
				0.25		3					
				<=0.5	9						
				0.5		9				1	3
				1	5	5				1	
				<=2					6		
				<=4			3				
				<=8				2			
				8	1		2				
				16	1		1	1			
				>16	2						12
				32			1	1			
				>32					12		
				>64			11				
				>512				14			
		OXA-181		<=0.25						4	2
				0.25		3					
				<=0.5	3						
				0.5		1					
				<=2					1		
				<=8				1			

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**23**	**23**	**23**	**23**	**23**	**23**	**23**
				N of resistant isolates	**6**	**22**	**17**	**18**	**16**	**1**	**15**
Not Available	Not Available	OXA-181	8				1				
			>16		1						2
			>32						3		
			>64				3				
			>512					3			

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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	128
			N of tested isolates	339	339	339	339	339	339	339	339	339	339
			N of resistant isolates	316	339	61	73	325	60	8	0	1	1
Not Available	Not Available	Not Available	MIC										
			<=0.015							238			
			<=0.03									336	
			0.03							66			
			<=0.064	3		248							
			0.064							27		2	
			<=0.125						172		196		
			0.125	20		29				5			
			0.25	32		1			99	2	137		
			0.5	34				14	7		5		
			1	36	4	11	2	48					
			2	41	8	10	28	48	12				6
			4	52	46	20	130	32	19				116
			8	43	51	15	105	67	20				185
			16	41	46	4	14	59	9				31
			32	23	43		21	43					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance: Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**16**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.125**	**0.015**	**0.125**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
			N of tested isolates	**339**	**339**	**339**	**339**	**339**	**339**	**339**	**339**	**339**	**339**
			N of resistant isolates	**316**	**339**	**61**	**73**	**325**	**60**	**8**	**0**	**1**	**1**
Not Available	Not Available	Not Available	>32	13									
			64		67		27	18					
			>64		73		11						
			128					6					
			>128					3					
		OXA-181	0.25									1	
			0.5			1			1		1		
			1							1			
			4				1						
			8					1					
			16	1									
			>64		1								
			>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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	8	8	16	0.25	0.5	16	0.064	2
				Lowest limit	4	1	2	0.25	0.25	8	0.015	1
				Highest limit	128	32	64	4	8	64	8	16
				N of tested isolates	339	339	339	339	339	339	339	339
				N of resistant isolates	0	339	65	339	325	183	266	0
Not Available	Not Available	Not Available	<=0.015								69	
			0.03								4	
			0.125								10	
			<=0.25						3			
			0.25								96	
			0.5						11		38	
			<=1									337
			1					1	56		13	
			<=2				22					
			2					19	35		7	1
			<=4		326							
			4				161	43	34		8	
			>4					275				
			<=8							150		
			8		12		85		62		42	
			>8						137		51	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin
				ECOFF	**8**	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**
				Lowest limit	**4**	**1**	**2**	**0.25**	**0.25**	**8**	**0.015**	**1**
				Highest limit	**128**	**32**	**64**	**4**	**8**	**64**	**8**	**16**
				N of tested isolates	**339**	**339**	**339**	**339**	**339**	**339**	**339**	**339**
				N of resistant isolates	**0**	**339**	**65**	**339**	**325**	**183**	**266**	**0**
Not Available	Not Available	Not Available	16				5			6		
			32			1	12			9		
			>32			337						
			64				23			22		
			>64				30			151		
		OXA-181	<=1									1
			<=4		1							
			>4					1				
			8				1		1			
			>8								1	
			>32			1						
			>64							1		

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
				ECOFF	**2**	**0.125**	**8**	**64**	**8**	**0.5**	**2**
				Lowest limit	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
				Highest limit	**16**	**16**	**64**	**512**	**32**	**8**	**16**
				N of tested isolates	**339**	**339**	**339**	**339**	**339**	**339**	**339**
				N of resistant isolates	**80**	**1**	**196**	**200**	**232**	**0**	**215**
Not Available	Not Available	Not Available	<=0.03		336						
			0.064		2						
			<=0.25							333	97
			<=0.5	157							
			0.5							5	25
			1	88							2
			<=2						101		
			2	14							
			<=4				95				
			4	2					5		
			<=8					105			
			8	8			48		1		
			16	18			26	30	1		
			>16	51							214
			32				1	4	14		
			>32						216		
			64				10				
			>64				158				
			>512					199			
		OXA-181	<=0.25							1	
			0.25			1					
			>16	1							1
			>32						1		
			>64				1				
			>512					1			

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Cefoxitin		Ceftazidim		Ceftazidime + Clavulanic acid
			ECOFF	0.125		0.25		0.25		8		0.5		0.5
			Lowest limit	0.064		0.25		0.064		0.5		0.25		0.125
			Highest limit	32		64		64		64		128		128
			N of tested isolates	1	10	1	10	1	10	1	10	1	10	1
			N of resistant isolates	1	10	1	10	0	0	0	2	1	10	0
Not Available	Not Available	Not Available	MIC											
			<=0.015											
			<=0.03											
			0.03											
			<=0.064						7					
			0.064											
			<=0.125											1
			0.125						3					
			0.25					1						
			0.5											
			1		1									
			2								2		6	
			4	1						1	4	1	1	
			8		1		1				2		1	

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid
			ECOFF	0.125	0.25	0.25	8	0.5	0.5
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125
			Highest limit	32	64	64	64	128	128
			N of tested isolates	1 / 10	1 / 10	1 / 10	1 / 10	1 / 10	1
			MIC / N of resistant isolates	1 / 10	1 / 10	0 / 0	0 / 2	1 / 10	0
Not Available	Not Available	Not Available	16	4			2	1	
			32	3				1	
			>32	1					
			64		1 / 6				
			>64		3				

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.5	0.064	0.5	0.125	16
			Lowest limit	0.125	0.015	0.125	0.03	0.5
			Highest limit	128	2	16	16	128
			N of tested isolates	10	1 / 10	1 / 10	1 / 10	1 / 10
			MIC / N of resistant isolates	0	0 / 1	0 / 0	0 / 0	0 / 0
Not Available	Not Available	Not Available	<=0.015		1 / 6			
			<=0.03				1 / 10	
			0.03		1			
			<=0.064					
			0.064		2			
			<=0.125	1		2		
			0.125					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Ceftazidime + Clavulanic acid		Ertapenem		Imipenem		Meropenem		Temocillin	
				ECOFF	0.5		0.064		0.5		0.125		16	
				Lowest limit	0.125		0.015		0.125		0.03		0.5	
				Highest limit	128		2		16		16		128	
				N of tested isolates	10	1	10	1	10	1	10	1	10	
				N of resistant isolates	0	0	1	0	0	0	0	0	0	
Not Available	Not Available	Not Available	0.25		7		1	1	8					
			0.5		2									
			1											
			2											
			4										1	2
			8											5
			16											3
			32											
			>32											
			64											
			>64											

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Tetracycline		Tigecycline		Trimethoprim	
				ECOFF	**8**		**0.5**		**2**	
				Lowest limit	**2**		**0.25**		**0.25**	
				Highest limit	**32**		**8**		**16**	
				N of tested isolates	**10**	**1**	**10**	**1**	**10**	
				N of resistant isolates	**7**	**0**	**0**	**1**	**6**	
Not Available	Not Available	Not Available		<=0.03						
				0.064						
				<=0.25			9		2	
				<=0.5						
				0.5		1	1		2	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Tetracycline		Tigecycline		Trimethoprim	
				ECOFF	**8**		**0.5**		**2**	
				Lowest limit	**2**		**0.25**		**0.25**	
				Highest limit	**32**		**8**		**16**	
				N of tested isolates	**10**	**1**	**10**	**1**	**10**	
				N of resistant isolates	**7**	**0**	**0**	**1**	**6**	
Not Available	Not Available	Not Available	1							
			<=2		1					
			<=4							
			4		2					
			8							
			16							
			>16					1	6	
			32							
			>32		7					
			>64							
			>512							

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: CARBA MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: CARBA MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

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

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

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Cefoxitin		Ceftazidim		Ceftazidime + Clavulanic acid
			ECOFF	0.125		0.25		0.25		8		0.5		0.5
			Lowest limit	0.064		0.25		0.064		0.5		0.25		0.125
			Highest limit	32		64		64		64		128		128
			N of tested isolates	8	11	8	11	8	11	8	11	8	11	8
			N of resistant isolates	8	10	8	11	0	3	0	5	8	11	0
Not Available	Not Available	Not Available	MIC											
			<=0.015											
			<=0.03											
			0.03											
			<=0.064					7	3					
			0.064											
			<=0.125											5
			0.125		1			1	4					
			0.25	2	1				1					3
			0.5	2	2									
			1						1			2	3	
			2	3		2	2		1				2	
			4			2	1			4	1	1	2	
			8	1	1					4	5	1	1	

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid
			ECOFF	0.125	0.25	0.25	8	0.5	0.5
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125
			Highest limit	32	64	64	64	128	128
			N of tested isolates	8 / 11	8 / 11	8 / 11	8 / 11	8 / 11	8
			MIC / N of resistant isolates	8 / 10	8 / 11	0 / 3	0 / 5	8 / 11	0
Not Available	Not Available	Not Available	16	3	1 / 1	1	3	4 / 1	
			32	1	2			2	
			>32	2					
			64		1 / 2		1		
			>64		5		1		

ESBL Genes	AMPC Genes	CARBA Genes	AM substance	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.5	0.064	0.5	0.125	16
			Lowest limit	0.125	0.015	0.125	0.03	0.5
			Highest limit	128	2	16	16	128
			N of tested isolates	11	8 / 11	8 / 11	8 / 11	8 / 11
			MIC / N of resistant isolates	3	0 / 0	0 / 0	0 / 0	0 / 0
Not Available	Not Available	Not Available	<=0.015		8 / 5			
			<=0.03				8 / 11	
			0.03		5			
			<=0.064					
			0.064		1			
			<=0.125	3		3 / 2		
			0.125					

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Ceftazidime + Clavulanic acid		Ertapenem		Imipenem		Meropenem		Temocillin	
				ECOFF	0.5		0.064		0.5		0.125		16	
				Lowest limit	0.125		0.015		0.125		0.03		0.5	
				Highest limit	128		2		16		16		128	
				N of tested isolates	11	8	11	8	11	8	11	8	11	
				N of resistant isolates	3	0	0	0	0	0	0	0	0	
Not Available	Not Available	Not Available	0.25		4				5	9				
			0.5		1									
			1											
			2											
			4		2								5	
			8										3	8
			16											3
			32		1									
			>32											
			64											
			>64											

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution method test

Country Of Origin:Spain

Sampling Details:N_A

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Amikacin		Ampicillin		Azithromycin		Cefotaxim		Ceftazidim	
				ECOFF	**8**		**8**		**16**		**0.25**		**0.5**	
				Lowest limit	**4**		**1**		**2**		**0.25**		**0.25**	
				Highest limit	**128**		**32**		**64**		**4**		**8**	
				N of tested isolates	**8**	**11**	**8**	**11**	**8**	**11**	**8**	**11**	**8**	
				N of resistant isolates	**0**	**0**	**8**	**11**	**0**	**4**	**8**	**11**	**8**	
Not Available	Not Available	Not Available	<=0.015											
			0.03											
			0.125											
			0.25											
			0.5											
			<=1											
			1										2	
			2								3	2		
			<=4	8	11									
			4					4	4	1			1	
			>4							4	9			
			<=8											
			8					4	3				1	
			>8										4	
			16											
			32											
			>32			8	11							
			>64						4					

ESBL Genes	AMPC Genes	CARBA Genes		AM substance	Ceftazidim	Chloramphenicol		Ciprofloxacin		Colistin	
				ECOFF	**0.5**	**16**		**0.064**		**2**	
				Lowest limit	**0.25**	**8**		**0.015**		**1**	
				Highest limit	**8**	**64**		**8**		**16**	
				N of tested isolates	**11**	**8**	**11**	**8**	**11**	**8**	**11**
			MIC	**N of resistant isolates**	**11**	**1**	**5**	**4**	**8**	**0**	**0**
Not Available	Not Available	Not Available		<=0.015				4	2		
				0.03					1		
				0.125					1		
				0.25				1	2		
				0.5					3		
				<=1						8	11
				1	1			2			
				2	4						
				<=4							
				4	1						
				>4							
				<=8		5	4				
				8	3			1			
				>8	2				2		
				16		2	2				
				32			2				
				>32							
				>64		1	3				

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Gentamicin		Meropenem		Nalidixic acid		Sulfamethoxazole		Tetracycline
				ECOFF	**2**		**0.125**		**8**		**64**		**8**
				Lowest limit	**0.5**		**0.03**		**4**		**8**		**2**
				Highest limit	**16**		**16**		**64**		**512**		**32**
				N of tested isolates	**8**	**11**	**8**	**11**	**8**	**11**	**8**	**11**	**8**
				N of resistant isolates	**0**	**0**	**0**	**0**	**3**	**6**	**2**	**7**	**4**
Not Available	Not Available	Not Available		<=0.03			8	11					
				<=0.25									
				<=0.5	7	6							
				0.5									
				1	1	3							
				<=2									4
				2		2							
				<=4					5	3			
				4									
				<=8							3		
				8						2			
				16						3	2		
				>16									
				32							1	2	
				>32									4
				64								2	
				>64					3	3			
				128								1	
				>512							2	6	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Tetracycline		Tigecycline		Trimethoprim	
				ECOFF	**8**		**0.5**		**2**	
				Lowest limit	**2**		**0.25**		**0.25**	
				Highest limit	**32**		**8**		**16**	
				N of tested isolates	**11**	**8**	**11**	**8**	**11**	
				N of resistant isolates	**8**	**0**	**1**	**5**	**5**	
Not Av	Not Av	Not Av		<=0.03						
				<=0.25		7	9	2	4	

ESBL Genes	AMPC Genes	CARBA Genes	MIC	AM substance	Tetracycline	Tigecycline		Trimethoprim	
				ECOFF	**8**	**0.5**		**2**	
				Lowest limit	**2**	**0.25**		**0.25**	
				Highest limit	**32**	**8**		**16**	
				N of tested isolates	**11**	**8**	**11**	**8**	**11**
				N of resistant isolates	**8**	**0**	**1**	**5**	**5**
Not Available	Not Available	Not Available	<=0.5						
			0.5			1	1	1	
			1				1		2
			<=2		3				
			2						
			<=4						
			4						1
			<=8						
			8						
			16						
			>16					5	4
			32						
			>32		8				
			64						
			>64						
			128						
			>512						

OTHER ANTIMICROBIAL RESISTANCE TABLES

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**2**	**0**	**0**
<=0.125				1									
0.125												2	
<=0.5								1		2			
0.5					1								
<=1						1							1
1		1		1					1				
2					1			1					1
<=4			1										
4		1											
<=8							1						
16			1						1		1		
32							1						
128											1		

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**2**	**0**	**0**
>128						1							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**
MIC	**N of resistant isolates**	**0**	**22**	**10**	**1**	**51**	**15**	**3**	**65**	**0**	**60**	**0**	**0**
<=0.03												2	
0.064												6	
<=0.125				2									
0.125												33	
<=0.25					7								
0.25												28	
<=0.5		15						4	3	69			
0.5				11	2								
<=1						6					9		56
1		43		33	25			26	1				
2		4		8	29	8		28	1				11
<=4			10										
4		7		5	5	4		8	8				2
<=8							40						
8			28	1				3	15				
16			1	6	1		12		31				

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**4**	**4**	**64**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**	**69**
MIC	**N of resistant isolates**	**0**	**22**	**10**	**1**	**51**	**15**	**3**	**65**	**0**	**60**	**0**	**0**
>16				3									
32			8				2		9				
64			11			1			1		14		
128			11			1					43		
>128						49					3		
512							1						
1024							1						
>1024							13						

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**8**	**4**	**32**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**
MIC	**N of resistant isolates**	**0**	**1**	**1**	**0**	**1**	**0**	**0**	**5**	**0**	**3**	**0**	**0**
0.064												3	
0.125												5	
<=0.5									1	8			
0.5				1									
<=1											5		8
1		6		1	2				2				
2		1		1	5	4		7					
<=4			4										
4		1		4	1	3		1	4				
<=8							7						
8			3	1									
16							1		1				
128			1								3		
>128						1							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium 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: Micromethod dilution (in microtiter plate)

Country Of Origin:Spain

Sampling Details:N_A

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**8**	**4**	**32**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**
MIC	**N of resistant isolates**	**4**	**3**	**4**	**0**	**64**	**4**	**0**	**100**	**0**	**92**	**0**	**0**
<=0.03												2	
0.064												29	
<=0.125				7									
0.125												54	
<=0.25					9								
0.25				20								16	
<=0.5		1						4	1	100			
0.5				20	16								
<=1						10					9		94
1		17		29	24			13		1			
2		15		18	38	18		74	3				5
<=4			30										
4		64		3	14	9		10	58				2
<=8							86						
8		4	40	1		1			30				
16			17	2		4	11		9				

	AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
	ECOFF	**4**	**32**	**4**	**8**	**4**	**32**	**4**	**1**	**2**	**4**	**0.25**	**4**
	Lowest limit	**0.5**	**4**	**0.125**	**0.25**	**1**	**8**	**0.5**	**0.5**	**0.5**	**1**	**0.03**	**1**
	Highest limit	**64**	**128**	**16**	**32**	**128**	**1024**	**64**	**64**	**64**	**128**	**4**	**128**
	N of tested isolates	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**	**101**
MIC	**N of resistant isolates**	**4**	**3**	**4**	**0**	**64**	**4**	**0**	**100**	**0**	**92**	**0**	**0**
>16				1									
32			11			2							
64			1			1					37		
128			2			2					52		
>128						54					3		
256							1						
512							1						
>1024							2						

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

Programme Code	Matrix Detailed	Zoonotic Agent Detailed	Sampling Strategy	Sampling Stage	Sampling Details	Sampling Context	Sampler	Sample Type	Sampling Unit Type	Sample Origin	Comment	Total Units Tested	Total Units Positive
AMR MON	Meat from bovine animals - fresh - chilled	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Argentina	N_A	5	0
										Brazil	N_A	13	0
										Paraguay	N_A	3	0
										Uruguay	N_A	7	0
	Meat from bovine animals - fresh - frozen	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Brazil	N_A	23	0
										Uruguay	N_A	17	0
CARBA MON	Meat from bovine animals - fresh - chilled	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Argentina	N_A	10	0
										Brazil	N_A	26	0
										Paraguay	N_A	6	0
										Uruguay	N_A	14	0
				Retail	N_A	Monitoring - EFSA specifications	Official sampling	food sample - meat	single (food/feed)	Spain	N_A	297	0
	Meat from bovine animals - fresh - frozen	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Brazil	N_A	46	0
										Uruguay	N_A	34	0

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

Programme Code	Matrix Detailed	Zoonotic Agent Detailed	Sampling Strategy	Sampling Stage	Sampling Details	Sampling Context	Sampler	Sample Type	Sampling Unit Type	Sample Origin	Comment	Total Units Tested	Total Units Positive
ESBL MON	Meat from bovine animals - fresh - chilled	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Argentina	N_A	5	0
										Brazil	N_A	13	0
										Paraguay	N_A	3	0
										Uruguay	N_A	7	0
	Meat from bovine animals - fresh - frozen	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Brazil	N_A	23	0
										Uruguay	N_A	17	0

Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	27-Nov-2024
Esbl	18-Jul-2024
Animal Population	18-Jul-2024
Disease Status	18-Jul-2024
Food Borne Outbreaks	18-Jul-2024
Prevalence	18-Jul-2024

ZOONOSES MONITORING

SPAIN

TEXT FORMS FOR THE TRENDS AND SOURCES OF ZOONOSES AND ZOONOTIC AGENTS IN FOODSTUFFS, ANIMALS AND FEEDINGSTUFFS

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

IN 2023

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1. Institutions and Laboratories involved in zoonoses monitoring and reporting

MAPA, Spanish Ministry of Agriculture, Fisheries and Food, through the Subdirectorate General for Animal Health, Hygiene and Traceability and the Sub directorate of Means of Livestock Production is the central competent authority for the monitoring and reporting zoonoses in primary production.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting zoonoses in imported food and responsible for the samples obtained from the BCP's. In addition, the CCAES (Centro de Coordinación de Alertas y Emergencias Sanitarias) is the Unit responsible for the monitoring and surveillance of human cases and food-borne outbreaks.

AESAN, Spanish Agency of Food Safety and Nutrition, through the Sub-directorate General for Official Control and Alerts, is the central competent authority for the monitoring and reporting zoonoses in food.

ISCIII, through the National Centre of Epidemiology, is the central authority responsible for management of surveillance of human cases and food-borne outbreaks.

The **Central Veterinary Laboratory (CVL) and the Central Animal Health Laboratory of MAPA are the National Reference Laboratories (NRLs) for zoonoses in primary production**.

The Autonomous Communities through their human and animal health services.

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

2. Animal population

2.1. Sources of information and the date(s) (months, years) the information relates to [(a)]

REGA (National Register for Livestock Holdings) was the source for the total number of holdings and animals in all species. The figures in this report were taken at **December/31/2023.**

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

Holding' in REGA means 'Whatever place where farming animals are'. They are classified in breeding and production holdings and special holdings (such as markets, slaughterhouses, quarantine centres…). It has been taken into account only breeding and production holdings. The specific definitions adopted by REGA for different types of holdings are those fixed in EU or Spanish Regulations.

Bovine animals Calves for slaughter: Bovine animals less than 1 year old for slaughter as calves.
Calves: Domestic animals of the bovine species, of not more than 300 kg live weight and not yet having permanent teeth.
Heifers: Female bovines more than 1 year old that have not yet calved.
Heifers for breeding purposes: Heifers raised for breeding and intended to replace dairy cows.
Cows: Female bovines that have calved.
Dairy cows: Cows kept exclusively or principally for the production of milk for human consumption and/or dairy produce. Meat production animals: bovine animals, other than calves, kept exclusively for the production of meat and including cows, heifers and bulls.
Sheep: Domestic animals of the species ***Ovis***.
Ewes and ewe lambs put to the ram: Females of the ovine species which have already lambed at least once as well as those which have been put to the ram for the first time.
Milk ewes: Ewes which are kept exclusively or principally to produce milk for human consumption and/or for processing into dairy products. This includes cast milk sheep (whether fattened or not between their last lactation and slaughtering).
Other ewes: Ewes other than milk ewes; to be included in meat production animals.
Lambs: Male or female sheep under 12 months old.
Goats: domestic animals of the species Capra.
Pigs: Domestic animals of the species Sus.

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

See table

2.4. Geographical distribution and size distribution of the herds, flocks and holdings[(b)]

https://www.mapa.gob.es/es/ganaderia/temas/trazabilidad-animal/sitran/

2.5. Additional information

(a): National identification and registration system(s), source of reported statistics (Eurostat, others)
(b): Link to website with density maps if available, tables with number of herds and flocks according to geographical area

3. General evaluation*: Mycobacteria spp

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

Sanitary importance of bovine tuberculosis has been based in the spread of the disease to humans. Human infection has been linked historically to raw milk consumption. At human level the surveillance of the disease is included in the National Epidemiological Surveillance Network, created according to Royal Decree 2210/1995 and updated according to the Ministerial Order SSI/445/2015. In Spain, control of milk was carried out at council town's level since 1908, but monitoring and eradication programmes in cattle didn't start systematically until beginning of 90's, focused mainly in dairy cows.
At the moment the programme is being applied to cattle over six weeks of age and to goats living close to cattle. Control of milk and control of fresh meat production is carried out by Autonomous Communities according to European legislation in force (hygiene package).

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

Spanish programmes for eradication on bovine tuberculosis in last years show a decrease of the disease prevalence in cattle since 2016. Raw milk only can be consumed if produced in herds OTF.

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

Spanish Programme on Eradication of Bovine Tuberculosis 2023. Milk control and fresh meat control production are developed according to European legislation in force (Hygiene Package).
The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (I.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

3.4. Additional information

M. caprae has been isolated in 2005-2023 from cattle, goats, wild boards, foxes, wild ruminants.
Spanish legislation on Mycobacterium in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* **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

4. Description of Monitoring/Surveillance/Control programmes system*: Mycobacterium tuberculosis complex in animal - Cattle (bovine animals)

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

Monitoring system

Sampling strategy
Sampling strategy is defined in Spanish Programme on Eradication on Bovine Tuberculosis 2022-2030, covering cattle according Regulation (EU) 689/2020 (animals over six weeks of age) and goats living close to cattle. Testing is performed under supervision of competent authorities of Autonomous Communities. At slaughterhouses, samples are taken in suspicious animals and in animals with suspicious injures. Strategic use on gamma-interferon assay has been implemented since 2008 and consequently, an increase in the sensitivity at animal level (intra-herd) has been applied.
Additionally, severe interpretation of skin test (SIT) has been applied in high prevalence areas, with 2 skin tests in OTF herds and at least 3 skin tests in non-OTF herds during 2023. These measures have increased the sensitivity at herd level as well.

Frequency of the sampling
Once a year at least, more frequent testing in not officially free herds (at least 3 tests) and in OTF herds in high prevalence areas (2 at least). Pre-movement test in movements except if animals go to a closed fattening unit that send animals to slaughterhouse.

Type of specimen taken
Skin test, blood, organs/tissues.

Methods of sampling (description of sampling techniques)
Intradermal skin test (SIT) is used in animals over 6 weeks of age. In infected herds, gamma interferon assay is used in parallel as supplementary test in animals over six months of age. In low prevalence areas, SICCT can be used if specificity problems are detected. At slaughterhouses organs/tissues are taken from suspicious reactors animals (mainly from herds with OTF status suspended) and from injures found in routine post-mortem examination of animals slaughtered, according to the European legislation in force (Hygiene Package).

Case definition
Skin test: positive and inconclusive results. In OTF herds also MTC isolation.

Diagnostic/analytical methods used
SIT, SICCT, agent isolation, PCR and gamma-interferon assay following criteria laying down by EURLAB protocols., Spoligotyping, VTNR for molecular typing.

4.2. Measures in place[b]

Vaccination policy
Forbidden

Other preventive measures than vaccination in place
Pre-movement test; Cleaning and disinfecting of positive holdings; Control of common grazing areas; Investigation of wildlife in some regions;
Epidemiological investigations in breakdowns; inspections and official control of the field veterinarians.

Control program/mechanisms
The control program/strategies in place
Spain has an Eradication Programme approved for co-financing. Legal basis of the programme measures is Regulation (EC) 689/2020, but with increased measures like:- more frequent tests in high prevalence areas- strategic use of gamma-interferon assay- pre-movement
tests- severe interpretation of SIT.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/spainmtceradicationprogramme2022-2030final_tcm30-619674.pdf

Recent actions taken to control the zoonoses
More frequent testing and pre-movement test. Compulsory slaughtering of all animals in herds with high incidence or repeating positive results. Severe interpretation of tuberculin test. Research into other test methodologies. Reinforce over herd registers at farm level. Epidemiological studies. Surveillance of wildlife. Inspections in restricted herds. Inspections of field veterinarians. Training courses for field veterinarians.

Suggestions to the European Union for the actions to be taken
Research into other test methodologies and improve the existing ones.

Measures in case of the positive findings or single cases
Confirmation by isolation/PCR of MTC. If confirmed, withdrawal of OTF status by holding. Epidemiological studies, spoligotyping of the strain and inclusion in the National Database micoDB.es.

4.3. Notification system in place to the national competent authority[c]

Since 1952, at least (Epizootic Diseases Law). At the moment, by Animal Health Law 8/2003.

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

Results of the investigation
See table

National evaluation of the recent situation, the trends and sources of infection
Data obtained by applying of Spanish Tuberculosis Eradication and Monitoring Programme 2023 show a slight increase in the prevalence of the disease at herd level in the country. In conclusion, milk consumption cannot be considered as a current source of infection in Spain, even more if it is assumed that cow milk is thermally treated. Explanation of the higher prevalence in the certain areas can be found in special management of this kind of herds: common grazing, ranching systems, fighting bulls, transhumance... Wildlife and goats can also be a source of infection in these holdings.

4.5. Additional information

Relevance of the findings in animals, feeding stuffs and foodstuffs to human cases (as a source of infection)

The risk of transmission from animals to humans is very low.

Although the number of yearly reported cases at national level is low (mean of 35 cases in 2018-2021), Spain showed **the first highest notification rate (0.09 per 100,000) at EU level** for ***M.bovis*** and ***M. caprae*** TB **in** humans in **2022.** Nevertheless, the risk of transmission from animals to humans is considered low due to **the application of the eradication programs for bovine tuberculosis in cattle populations**.

* **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, limit of detection of the method, 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).

5. Description of Monitoring/Surveillance/Control programmes system*: Mycobacterium spp. in foodstuff

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

The control of Mycobacterium is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Additionally, in Spain, the control of Mycobacterium in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
eros_otros.pdf
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

5.2. Measures in place[(b)]

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023).

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

5.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Mycobacterium in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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, limit of detection of the method, 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).

6. General evaluation*: Brucella spp.

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

Sanitary importance of brucellosis has been based in the spread of the disease to humans. At the moment brucellosis is still the main direct transmission zoonoses in the world, mainly linked to ***Brucella melitensis***. The more frequent source of infection for human beings has been contacts with goats and sheep, but raw milk products consumption has had historical importance as well. Nowadays brucellosis is considered as a professional disease. At human level, the surveillance of the disease is included in the National Epidemiological Surveillance Network, created according to Royal Decree 2210/1995 and updated according to the Ministerial Order SSI/445/2015. In Spain, milk control was carried out at council town's level since 1908. At the moment milk control and control of fresh meat production is carried out by Autonomous Communities according to the European legislation in force (Hygiene Package). Monitoring and Eradication Programmes in cattle, goats and sheep did not start systematically until beginning of 90's. Before, human cases had the highest incidence in last thirty years, with around 8500 cases in middle 80s.The systematic application of national programmes has resulted in a continuous decrease of the disease until 2021, when the disease has been eradicated from bovines and small ruminats.

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

Spanish Programmes for eradication and monitoring of Brucellosis in cattle, goats and sheep show the continuous decreasing trend of the disease prevalence in domestic animals, until eradication was achieved by 2021. Raw milk only can be consumed if produced in herds free or officially free.

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

Spanish Programme on surveillance of bovine brucellosis 2022-2030.Spanish Programme on surveillance of brucellosis in goats and sheep 2022-2030. Milk control and control of the production of fresh meat in accordance to European legislation in force (Hygiene Package). Furthermore, the Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the Community rules concerning hygiene subjects, as well as foodstuff's production and commercialisation, establishes specific conditions regarding to milk and dairy milk.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

6.4. Additional information

Spanish legislation on Brucellosis in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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

7. Description of Monitoring/Surveillance/Control programmes system*: B.abortus in animal - Cattle (bovine animals)

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

SAMPLING SCHEME

Sampling strategy

Sampling strategy is defined in Spanish Programme for Survellance of Bovine Brucellosis, covering cattle according to Regulation (EU) 689/2020 (animals over 12 months of age). Test are carried out by competent authorities of Autonomous Communities. At slaughterhouses, samples are taken in suspicious animals, mainly in positive animals coming from free or officially free herds (suspended status) to confirm the disease.

Frequency of the sampling

Sampling according Section 2 of Chapter 3 of Part I of Annex IV to Delegated Regulation (EU) 2020/689.

Type of specimen taken

serum, blood, milk, organs/tissues, swabs

Methods of sampling (description of sampling techniques)

In animals over one year of age Rose Bengal as screening test or i-ELISA in milk; and Complement Fixation test or i-ELISA in serum as confirmatory test. As complementary test competition ELISA has been used as well. At slaughterhouses swabs, organs and tissues are taken in suspicious animals, mainly from herds with free or officially free status suspended, to isolate Brucella and confirm the infection.

TESTING SCHEME

Case definition

Brucella abortus, B. melitensis or B. suis isolation.

Diagnostic/analytical methods used

Rose Bengal test, agent isolation, serum i-ELISA, milk i-ELISA, c-ELISA and Complement Fixation test, following criteria laying down by EURLAB protocols.

7.2. Measures in place[(b)]

Vaccination policy

Forbidden.

Other preventive measures than vaccination in place

Pre-movement test. Cleaning and disinfecting of positive holdings. Control of common grazing areas. Investigation of possible wildlife reservoirs in some

Regions. Epidemiological investigations in breakdowns. Inspections and official control of field veterinarians. Inspections of restricted

Control program/mechanisms

The control program/strategies in place Spain has a Surveillance Programme. Legal basis of the programme are Delegated Regulation (EU) 2020/689 and Royal Decree 2611/1996, at last amended.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programavigilanciabb2023-2030_tcm30-639975.pdf

Recent actions taken to control the zoonoses

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programavigilanciabb2023-2030_tcm30-639975.pdf

More frequent testing and pre-movement test. Compulsory slaughter of all animals in herds if infection is confirmed. Research into other test methodologies. Reinforce over herd registers at farm level. Epidemiological studies.

Suggestions to the European Union for the actions to be taken

Research into other test methodologies and improve existing ones.

Measures in case of the positive findings or single cases

Confirmation of the infection by complement fixation test and culture, and if isolation of ***Brucella abortus*** is confirmed, depopulation.

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

Since 1952, at least(Epizootic Diseases Law)At the moment by Animal Health Law 8/2003

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

Results of the investigation

see table

National evaluation of the recent situation, the trends and sources of infection

Data obtained by the implementation of Spanish Surveillance Programme on Bovine Brucellosis show that the target of maintain OBF status of the disease in 2023 has been achieved. In conclusion, milk consumption cannot be considered as a current source of infection in Spain, even more if it is assumed that almost all the cow milk is thermally treated.

7.5. Additional information

Status as officially free of bovine brucellosis during the reporting year: Free regions

All the country.

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

* **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, limit of detection of the method, 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).

8. Description of Monitoring/Surveillance/Control programmes system*: B. melitensis in animal – Sheep

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

Monitoring system
Sampling strategy

Sampling strategy is defined in Spanish Programme on surveillance of brucellosis in sheep and goats, according to Delegated Regulation (EU) 2020/689: - animals over 6 months of age. Tests are carried out by competent authorities of Autonomous Communities. At slaughterhouse samples are taken in suspicious animals, mainly in positive animals coming from free or officially free herds (suspended status) to confirm de disease.

Frequency of the sampling

According Section 2 of Chapter 4 of Part I of Annex IV to Delegated Regulation (EU) 2020/689.
Type of specimen taken

serum, blood, milk, organs/tissues

Methods of sampling (description of sampling techniques)

At herd level, in animals over 6 months of age Rose Bengal as screening test and Complement Fixation as confirmatory test. At slaughterhouses or at holdings, swabs, milk, organs or tissues are taken in suspicious animals, mainly from herds with free or officially free status suspended, to isolate Brucella and confirm the infection.

Case definition

Brucella abortus, B. melitensis or B. suis isolation.

Diagnostic/analytical methods used
Rose Bengal test, agent isolation, Complement Fixation test following criteria laying down by EURLAB protocols.

8.2. Measures in place[(b)]

Vaccination policy

Prohibited.
Other preventive measures than vaccination in place

Pre-movement test in transhumance in certain areas. Cleaning and disinfecting of positive holdings. Control of common grazing areas. Epidemiological investigations if breakdowns. Inspections and official control of the field veterinarians

Control program/mechanisms
The control program/strategies in place

Spain has a Surveillance Programme. Legal basis of the programme measures is Delegated Regulation (EU) 2020/689
https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programavigilanciaboc2023-2030_tcm30-639976.pdf

Recent actions taken to control the zoonoses

. Compulsory slaughter of all animals in confirmed herds.
. Research in other test methodologies. Reinforce over herd register at farm level. Epidemiological studies

Suggestions to the European Union for the actions to be taken

Measures in case of the positive findings or single cases

If isolation of Brucella abortus or melitensis: depopulation.

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

Since 1952, at least(Epizootic Diseases Law)At the moment by Animal Health Law 8/2003

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

Results of the investigation

see table

National evaluation of the recent situation, the trends and sources of infection
The implementation of Spanish Programme Surveillance of Brucellosis in Sheep and Goats allowed to maintain OBF status of the disease in 2023.

8.5. Additional information

Status as officially free of ovine brucellosis during the reporting year
Whole territory of Spain

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

*** 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, limit of detection of the method, 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).

9. Description of Monitoring/Surveillance/Control programmes system*: B. melitensis in animal – Goats

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

see brucella melitensis in sheep

9.2. Measures in place[(b)]

see brucella melitensis in sheep

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

see brucella melitensis in sheep

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

see brucella melitensis in sheep

9.5. Additional information

see brucella melitensis in sheep

* **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, limit of detection of the method, 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).

10. Description of Monitoring/Surveillance/Control programmes system*: Brucella spp. in foodstuff

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

The control of Brucella is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

10.2. Measures in place[(b)]

Official controls performed by regional health authorities in every Autonomous Community.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023).

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

10.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Brucella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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, limit of detection of the method, 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).

11. General evaluation*: Salmonella spp.

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

Salmonellosis is the second main zoonoses (in number of human cases reported) in the European Union, also in Spain. ***Salmonella*** is the agent more frequently involved in reported foodborne outbreaks in Spain. In poultry, after the introduction in the 60's of the American production methods, the specific pathology of avian salmonellosis was caused by ***S***. Pullorum and ***S***. Gallinarum. In the middle of the 80's, a new infection in breeding flocks for meat production caused by ***S***. Enteritidis came up, and following it, also in laying hens and in feed ***S***. Enteritidis was isolated.

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

Nowadays the sources of infection are widespread along the food chain: feed, animals, food (eggs and eggproducts, meat) and humans can be a source of infection.
At animal level, in **breeding flocks**, Spain have reached the community target in 2023 (0.85% positive flocks to 5 serovars).
In **laying hens**, adult flocks the prevalence in 2023 was 1.74%.
In **broiler flocks**, the prevalence of ***S***. Enteritidis and ***S***,Typhimurium was 0.11% in 2023.
In **breeding turkeys**, the prevalence of SE/ST, including monophasic strains, in 2023 was 0%.
In **fattening turkeys**, the prevalence of SE/ST, including monophasic strains, in 2023 was 0.23%

Data indicate that we have reached the prevalence target in all poultry populations included in the National Surveillance and Control Programme of Salmonellosis in Spain in 2023.

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

The Ministry of Agriculture, Fisheries and Food and AESAN are carrying out a Control Programme of ***Salmonella*** in poultry, eggs and egg products along the overall food chain, starting with monitoring systems at holdings (National Surveillance Programme).
The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Salmonellosis is a mandatory disease in Spain, since 2015, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network

11.4. Additional information

Spanish legislation on ***Salmonella*** in foodstuff:

- **Royal Decree 1254/1991 of August 2, laying down rules to preparation and conservation of mayonnaise prepared in the own establishment and for immediate consumption foods with eggs as ingredient.**
- **Royal Decree 3484/2000 of December 29, laying down hygiene rules to elaboration, distribution and commercialisation of ready-to-eat food.**
- **Royal Decree 640/2006, of May 26, laying down specific implementation conditions of the Communities rules concerning hygiene subjects, as well as foodstuff's production and commercialisation.**
- **Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.**

*** 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

12. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in animal - Gallus gallus (fowl) - broilers

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

Monitoring system
Sampling strategy
Broiler flocks
Following point 1 of the Annex of Commission Regulation (EC) 200/2012 implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in broilers.

Frequency of the sampling
Broiler flocks: Before slaughter at farm
3 weeks prior to slaughter (FBO control and official control). Official control sampling is performed in at least one flock on 10% of the holdings with more than 5000 birds.

Type of specimen taken
Broiler flocks: Before slaughter at farm
Faeces (boot swabs)

Methods of sampling (description of sampling techniques)
Broiler flocks: Before slaughter at farm
Following point 2 of the Annex of Commission Regulation (EC) 200/2012 implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in broilers.

Case definition
Broiler flocks: Before slaughter at farm
A flock of broilers shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of ***Salmonella*** Enteritidis and/or ***Salmonella*** Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Diagnostic/analytical methods used
Broiler flocks: Before slaughter at farm
Bacteriological method EN/ISO 6579-1

12.2. Measures in place[(b)]

Vaccination policy
Broiler flocks
Does not exist.

Other preventive measures than vaccination in place
Broiler flocks
Biosecurity measures Compliance with Good Practice Code

Control program/mechanisms
The control program/strategies in place

Broiler flocks
National Control Programme on Salmonella in broiler flocks 2023, approved by EU

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncspollosdeengorde2023_tcm30-441940.pdf

Recent actions taken to control the zoonoses
National Control and Monitoring Programme on ***Salmonella*** in broiler flocks 2023, including biosecurity measures and compliance with Good Practice Code following Regulations 2160/2003, 1177/2006 and 200/2012.

Measures in case of the positive findings or single cases
Broiler flocks: Before slaughter at farm
Verification of the compliance of biosecurity measures
Cleaning, disinfection and treatment against rodents and insects
Verification of the efficacy of cleaning and disinfection
Epidemiological investigation

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

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

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

See table

National evaluation of the recent situation, the trends and sources of infection
Spain has reached the community target (<1%) in 2023.

12.5. 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, limit of detection of the method, 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).

13. Description of Monitoring/Surveillance/Control programmes system*: Salmonella ssp. in animal - Gallus gallus (fowl) – laying hens flocks

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

Monitoring system
Sampling strategy
Laying hens:

Following point 2 of the Annex of Commission Regulation (EU) 517/2011 of 25 May, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain ***Salmonella*** serotypes in laying hens of ***Gallus gallus***.
This sampling strategy is implemented by the Spanish National Control Programme on ***Salmonella*** in laying hens flocks of ***Gallus gallus***, approved by EU.

Frequency of the sampling
Laying hens: Rearing period
FBO controls in:

- **Day-old chicks**
- **Birds 2 weeks prior movement to laying period.**

Laying hens: Production period
FBO controls: every 15 weeks in hens from 24+/-2 weeks old**.** Additionally, to the FBO controls, during production period an official control sampling is performed, with the following frequency: at least 1 flock per holding and year, preferably at the end of the production period. Additional official controls could be performed:

1. Farm-r**elated food-borne outbreak.**
2. Control of the rest of flocks when a ***Salmonella*** target positive flock has been detected in the farm.
3. Antimicrobial use control.
4. At **24 +/- 2 weeks**, when a ***Salmonella*** target positive flock has been detected in the shed.
5. At competent Authority's discretion.

Type of specimen taken
Laying hens: Rearing period
Coverings of the cages/ Viscera/Meconium/Faeces/ boot swabs

Laying hens: Production period
Faeces/boot swabs/fabric swabs

Methods of sampling (description of sampling techniques)
Laying hens:
Day-old chicks:
1. One sample made up of from 10 samples taken of the internal coverings of the cages transporting the chicks taken when they are delivered to the holding. The bases of the cages may be used directly as a sample, which will be sent either whole or in parts to the laboratories responsible for processing samples and may be made up of a single or more than one sample, or
2. Liver, caecum and yolk sac of 60 chicks (these parts of the viscera can be removed and processed as a single sample), or
3. A sample made up of meconium from at least 250 chicks.

Rearing period:
Faeces from different points of the holding or boot swabs.
Faeces or boot swabs can be pooled for analysis in 1 sample.

Production period:
Following point 2 of the Annex of Commission Regulation (EU) 517/2011 of 25 May, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain ***Salmonella*** serotypes in laying hens flocks of ***Gallus gallus***.

Case definition
Laying hens: Day-old chicks, rearing and production period:
A laying hen flock shall be considered positive when the presence of the relevant ***Salmonella*** serotypes (other than vaccine strains) has been detected in one or more samples taken in the flock, even if the relevant ***Salmonella*** serotypes is only detected in the dust sample, or when the confirmatory sampling

as part of official controls in accordance with point 2.2.2.2(b) does not confirm the detection of relevant ***Salmonella*** serotypes but antimicrobials or bacterial growth inhibitors have been detected in the flock.

Diagnostic/analytical methods used
Laying hens: Day-old chicks
Bacteriological method: EN/ISO 6579-1

Laying hens: Rearing period
Bacteriological method: EN/ISO 6579-1

Laying hens: Production period
Bacteriological method: EN/ISO 6579-1

13.2. Measures in place[(b)]

Vaccination policy
Laying hens:
Laying hens shall be vaccinated pursuant to **Regulation (EC) No 1177/2006**.

All laying hens shall be subject to mandatory vaccination programmes against *Salmonella* Enteritidis, to reduce shedding and contamination of eggs, at least during the rearing phase. The only exceptions will be holdings that the competent authority deems to have adequate biosecurity measures and to have fully implemented a plan for monitoring and control of *Salmonella* and that have demonstrated its effectiveness by having tested negative for *S*. Enteritidis and *S*. Typhimurium, including monophasic strains of *Salmonella* Typhimurium with the antigenic formula 1,4,[5],12:i:-, for at least the past twelve months (in FBO own checks) and as long as the most recent official monitoring has likewise produced negative results for *S*. Enteritidis and *S*. Typhimurium, including monophasic strains of *Salmonella* Typhimurium with the antigenic formula 1,4,[5],12:i:-.

Other preventive measures than vaccination in place
Laying hens:
Biosecurity measures.
Compliance with Good Practice Code.

Control program/mechanisms
The control program/strategies in place
Laying hens:
Spanish National Control Programme on Salmonella in Laying Hens Flocks of ***Gallus gallus*** 2023

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncsponedoras2023_tcm30-441936.pdf

Recent actions taken to control the zoonoses
Compulsory National Control Programme on Salmonella in Laying Hens Flocks of ***Gallus gallus*** 2023.

Measures in case of the positive findings or single cases
Laying hens:
According to the compulsory National Control Programme on ***Salmonella*** in Laying Hens Flocks of ***Gallus gallus*** 2023, including: movement of live birds forbidden, destruction or treatment of eggs, sacrifice-depopulation of the flock, epidemiological investigations, control of biosecurity measures, control of the effectiveness of cleaning and disinfection.

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

Spain

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

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

Results of the investigation
See table

National evaluation of the recent situation, the trends and sources of infection
Spain has reached the Community reduction target (<2%) in 2023.

13.5. 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, limit of detection of the method, 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).

14. Description of Monitoring/Surveillance/Control programmes system*: Salmonella ssp. in animal - Gallus gallus (fowl) - breeding flocks, unspecified

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

Monitoring system
Sampling strategy
Breeding flocks (separate elite, grand parent and parent flocks when necessary)
Following point 2 of the Annex of Commission Regulation (EU) 200/2010 of 10 March, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain ***Salmonella*** serotypes in breeding flocks of ***Gallus gallus***.
This sampling strategy is implemented by the Spanish National Control Programme on ***Salmonella*** in Breeding Flocks of ***Gallus gallus***, approved by EU.

Frequency of the sampling
Breeding flocks (separate elite, grand parent and parent flocks when necessary):
Every flock is sampled.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Rearing period**

- **Day-old chicks**
- **Birds of 4 weeks of age and 2 weeks prior movement to laying period.**

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Production period**
FBO controls: every 2/3 weeks (In Spain the target was reached during the last 2 years, so the frequency could be modified from every 2 weeks to every 3 weeks if the FBO asks for it). Additionally to the FBO controls, during production period an official control sampling is performed, with the following frequency:
1. within 4 weeks following moving to the laying phase or laying unit

2. towards the end of the laying phase and not earlier than 8 weeks before the end of the production cycle
3. During the production period at a time distant enough from the sampling referred in points 1. and 2. (In Spain we reached the target during the last 2 years, so the number of official controls can be reduced from 3 to 2 if the CA considers it appropriate).

Type of specimen taken
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Rearing period**
Faeces/ boot swabs

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Production period**
Faeces/boot swabs

Methods of sampling (description of sampling techniques)
Breeding flocks (separate elite, grand parent and parent flocks when necessary):

Day-old chicks:
1. One sample made up of from 10 samples of the internal coverings of the cages transporting the chicks taken when they are delivered to the holding. The bases of the cages may be used directly as a sample, which will be sent either whole or in parts to the laboratories responsible for processing samples and may be made up of a single or more than one sample, or
2. Liver, caecum and yolk sac of 60 chicks (these parts of the viscera can be removed and processed as a single sample), or
3. A sample made up of meconium from at least 250 chicks.

Rearing period:
Faeces from different points of the holding or boot swabs.
Faeces or boot swabs can be pooled for analysis up to a minimum of two pools.

Production period:
Following point 2 of the Annex of Commission Regulation (EU) 200/2010 of 10 March, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain ***Salmonella*** serotypes in breeding flocks of ***Gallus gallus***.

Case definition
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Day-old chicks, rearing and production period**:
A breeding flock shall be considered positive when the presence of the relevant ***Salmonella*** serotypes (other than vaccine strains) has been detected in one or more samples taken in the flock, even if the relevant ***Salmonella*** serotypes are only detected in the dust sample, or when the confirmatory sampling as part of official controls in accordance with point 2.2.2.2(b) does not confirm the detection of relevant ***Salmonella*** serotypes but antimicrobials or bacterial growth inhibitors have been detected in the flock.

Diagnostic/analytical methods used
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Day-old chicks**
Bacteriological method: EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Rearing period**
Bacteriological method: EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Production period**
Bacteriological method: EN/ISO 6579-1

14.2. Measures in place[(b)]

Vaccination policy

Spain

Breeding flocks (separate elite, grand parent and parent flocks when necessary)
Voluntary/Compulsory in rearing flocks of meat production line if one of the relevant ***Salmonella*** serovars was detected in the preceding flock.

Other preventive measures than vaccination in place
Breeding flocks (separate elite, grand parent and parent flocks when necessary)
Biosecurity measures.
Compliance with Good Practice Code.

Control program/mechanisms
The control program/strategies in place
Breeding flocks (separate elite, grand parent and parent flocks when necessary)
Spanish National Control Programme on ***Salmonella*** in Breeding Flocks of ***Gallus gallus*** 2023

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncsreproductoras2023_tcm30-441938.pdf

Recent actions taken to control the zoonoses
Compulsory National Control Programme on ***Salmonella*** in Breeding Flocks of ***Gallus gallus*** 2023.

Measures in case of the positive findings or single cases
Breeding flocks (separate elite, grand parent and parent flocks when necessary)
According to the compulsory National Control Programme on ***Salmonella*** in Breeding Flocks of ***Gallus gallus*** 2023, including: movement of live birds forbidden, destruction or treatment of eggs, sacrifice-depopulation of the flock, epidemiological investigations, control of biosecurity measures, control of the effectiveness of cleaning and disinfection.

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

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

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

Results of the investigation
See table

National evaluation of the recent situation, the trends and sources of infection
Spain has reached the Community reduction (<1%) target for 2023.

14.5. Additional information

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)
Breeding flocks for **egg** production can be considered a very low source of infection for humans, **with 1 positive flock to *Salmonella* target serovars.**
In 2023, **13 positive flocks** to ***Salmonella*** target serovars were detected in b**ree**ding flocks for **meat** 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, limit of detection of the method,

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).

15. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in Turkeys - breeding flocks and meat production flocks

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

Monitoring system

Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary):
Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Meat production flocks:
Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Frequency of the sampling:
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Day-old chicks**
Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Rearing period**
Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Production period**
Following points 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Meat production flocks: **Before slaughter at farm**
Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Type of specimen taken
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Day-old chicks**
Following point 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Production period**

Following point 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Meat production flocks: **Before slaughter at farm**
Following point 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, in turkeys.

Methods of sampling (description of sampling techniques)
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Day-old chicks**
Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Rearing period**
Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Production period**
Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Meat production flocks: **Before slaughter at farm**
Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of ***Salmonella*** Enteritidis and ***Salmonella*** Typhimurium, including monophasic strains in turkeys.

Case definition
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Day old chicks and rearing period**
A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of ***Salmonella*** Enteritidis and/or ***Salmonella*** Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion. Positive flocks of turkeys shall be counted only once per round, irrespective of the number of sampling and testing operations and only be reported in the year of the first positive sampling.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period
A flock of turkeys shall be considered positive, where the presence of ***Salmonella*** Enteritidis and/or ***Salmonella*** Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Meat production flocks: **Before slaughter at farm**
A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of ***Salmonella*** Enteritidis and/or ***Salmonella*** Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Diagnostic/analytical methods used
Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Day-old chicks** and rearing period
Bacteriological method: EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): **Production period**

Spain

Bacteriological method: EN/ISO 6579-1

Meat production flocks: **Before slaughter at farm**
Bacteriological method: EN/ISO 6579-1

15.2. Measures in place[(b)]

Vaccination policy
Breeding flocks (separate elite, grand parent and parent flocks when necessary):
Voluntary

Meat production flocks:
It does not exist.

Other preventive measures than vaccination in place
Breeding flocks (separate elite, grand parent and parent flocks when necessary):
Biosecurity measures.
Compliance with Good Practice Code.

Meat production flocks:
Biosecurity measures.
Compliance with Good Practice Code.

Control program/mechanisms
The control program/strategies in place.

Breeding flocks (separate elite, grand parent and parent flocks when necessary):
Spanish National Control Programme on ***Salmonella*** in Breeding Flocks of Turkeys 2023.

Meat production flocks:
Spanish National Control Programme on ***Salmonella*** in Meat Production Flocks of Turkeys 2023, both approved by EU.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/pncspavos2023_tcm30-441939.pdf

Recent actions taken to control the zoonoses
Compulsory National Control Programme on ***Salmonella*** in Breeding Flocks and Meat Production Flocks of Turkeys 2023, following criteria of Regulation (EC) 1190/2012.

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

Notification system in place
Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

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

Results of the investigation
See table

National evaluation of the recent situation, the trends and sources of infection
In 2023, Spain has achieved the community target in both fattening and breeding turkeys <1%).

15.5. 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, limit of detection of the method, 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).

16. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in foodstuffs

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

The control of *Salmonella* is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

Additionally, in Spain, the control of Salmonella in food is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting of Salmonella in imported food. The control of *Salmonella* in imported food is carried out according to an annual surveillance plan.

The Analytical reference method is: ISO 6579.

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

16.2. Measures in place[(b)]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

16.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation

Spanish legislation on Salmonella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents. Royal Decree 1254/1991 of August 2, laying down rules to preparation and conservation of mayonnaise prepared in the own establishment and for immediate consumption in foods with eggs as ingredient. Royal Decree 3484/2000 of December 29, laying down hygiene rules for preparation, distribution and marketing of ready-to-eat food. Royal Decree 640/2006, of May 26, laying down specific implementation conditions of the EU rules concerning hygiene practices, as well as foodstuff's production and marketing.

* **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, limit of detection of the method, 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).

17. General evaluation*: Thermophilic Campylobacter spp. - general evaluation

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

Campylobacter spp. is at the moment the most frequent reported gastrointestinal disease in humans. Poultry are the main reservoir, and infection happens usually by consumption of poultry meat. Until the end of the 60's the importance of ***Campylobacter*** spp. was not valued. Epidemiology investigations show an association of cases to poultry meat consumption.

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

Poultry meat is the main source of infection. Other food implicated are red meat, raw milk, non-pasteurized cheese, and water.

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

Monitoring of the zoonoses according to Council Directive 2003/99/EEC.
The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Campilobacteriosis is a mandatory disease in Spain, since 2015, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network

17.4. Additional information

Spanish legislation on ***Campylobacter*** in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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

18. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter spp. in animal - Cattle (bovine animals)

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

Monitoring system

Sampling strategy

Samples have been taken randomly (day of sampling each month) at 32 slaughterhouses (distribution of the samples according to the capacity of sacrifice of each slaughterhouse) placed in different regions of Spain and representative of the total volume of sacrifice of the country (71,82% in 2023).

Frequency of the sampling

Two faecal samples at colon level are taken in all the slaughter batches in the day of sampling, with a maximum of 30 batches by slaughterhouse and day of sampling. Each batch belonged to different holdings. A total of 406 slaughter batches were taken in 2023. Faeces were taken from the colon, refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Type of specimen taken

Faeces

Methods of sampling (description of sampling techniques)

Faeces were taken from the colon, refrigerated immediately and sent to the laboratory and analysed before 24 hours.

Case definition

One slaughter batch was considered as positive if *Campylobacter* spp. was isolated by culture and identificated by PCR.

Diagnostic/analytical methods used

Isolation in agar mCCDA (Oxoid) and agar Campyfood (bioMerieux) and identification by PCR multiplex.

18.2. Measures in place[(b)]

The monitoring programme will be implemented each 2 years.

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

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

Slaughter batch ***Campylobacter*** spp. prevalence in 2023 was 28,5% (***C. coli*** 5,8%, ***C***. ***jejuni*** 22,7% and ***C. jejuni*** + ***C. coli*** 0 %)

18.5. 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, limit of detection of the method, 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).

19. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter spp. in animal - Pigs - fattening pigs

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

Monitoring system
Frequency of the sampling

1 faecal sample by slaughter batch with 10 animals or more, with a maximum of 30 slaughter batches by slaughterhouse and day of sampling. Each batch belonged to different herds. Sampling has been performed at 20 slaughterhouses, representing an important part of all the fattening pigs sacrificed in Spain (71,34% in 2023). A total of 425 slaughter batches were taken in 2023. Samples were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Type of specimen taken

Faeces

Methods of sampling (description of sampling techniques)

1 faecal material sample by slaughter batch and by holding

Case definition

A slaughter batch is considered as positive if *Campylobacter* spp. is isolated by bacteriological method and identified by PCR.

Diagnostic/analytical methods used

Isolation in agar mCCDA (Oxoid) and agar Campyfood (bioMerieux) and identification by PCR multiplex

19.2. Measures in place[(b)]

The monitoring programme will be implemented each 2 years.

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

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

The slaughter batch ***Campylobacter*** spp. prevalence in 2023 was 45% (***C.coli*** 44,3%, ***C.jejuni*** 0,5%, and ***C.jejuni* + *C.coli*** 0.2%)

19.5. 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, limit of detection of the method, 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).

20. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter spp. in animal - Turkeys - fattening flocks -

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

Monitoring is performed every 2 years (not in 2023).

20.2. Measures in place[(b)]

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

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

20.5. 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, limit of detection of the method, 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).

21. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter spp. in animal - Broilers -

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

Monitoring is performed every 2 years (not in 2023).

21.2. Measures in place[(b)]

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

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

21.5. 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, limit of detection of the method, 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).

22. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter in foodstuff

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

The control of Campylobacter is undergone in all foodstuffs and at all steps of the food chain by official control of regional health authorities according to Article 14 of Regulation (EC) Nº 178/2002 of January 28, 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

In addition, the MS, thorough the Sub directorate of Foreign Health, is responsible for the monitoring and surveillance of Campylobacter in imported foodstuff.

22.2. Measures in place[(b)]

Official controls performed by regional health authorities in every Autonomous Community.
Objective surveillance in imported food is performed by the BCP's personal, coordinated by the MS, Sub directorate of Foreign Health.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

22.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures.
Sampling is distributed evenly throughout the year.
As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation
Spanish legislation on Campylobacter in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* **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, limit of detection of the method, 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).

23. General evaluation*: Listeria spp.

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

Listeria monocytogenes has been recognised as a human pathogen for more than 50 years. It causes invasive illness mainly in certain well defined high-risk groups, including immunocompromised persons, pregnant women and neonates. However, listeriosis can occur otherwise in healthy individuals, particularly in the setting of an outbreak. The public health importance of listeriosis is not always recognised particularly because listeriosis is a relatively rare disease compared to other common food-borne illnesses such as salmonellosis. Also listeriosis is a disease that clinically affects cattle, but mainly ewes in Spain.

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

Listeria is a serious food safety issue, particularly for pregnant women, the elderly, and those who are immunocompromised in Spain.

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

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.
Notification of Listeriosis is a mandatory in Spain, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network since 2015.

23.4. Additional information

The diagnostic method used in food is: ISO 11290-2_:2004.
Spanish legislation on Listeria in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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

24. Description of Monitoring/Surveillance/Control programmes system*: Listeria spp. in foodstuff

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

As the control of Listeria monocytogenes in ready-to-eat products is in Regulation (EC) No 2073/2005, in Spain, it is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

Also, this control of Listeria monocytogenes is undergone in all foodstuffs and at all steps of the food chain by official control of regional health authorities according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and

requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

In addition, **MS**, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting Listeria in imported food and responsible for the samples obtained from the BCP's. The surveillance of Listeria is based in an annual plan involving all BCP's.

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

24.2. Measures in place[(b)]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

24.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.
As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation
Spanish legislation on Listeria in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* **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, limit of detection of the method, 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).

25. General evaluation*: Yersinia Enterocolitica

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

Animals are the main source of Yersinia. Faecal wastes from animals (particularly pigs) may contaminate water, milk and foods and become a source of infection for people or other animals.

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

Most yersiniosis cases in Spain are reported in children under 5 years of age.

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

Notification of yersiniosisis is mandatory in Spain, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network since 2015.
The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

25.4. Additional information

Spanish legislation on Yersinia in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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

26. Description of Monitoring/Surveillance/Control programmes system*: Yersinia spp. in foodstuff

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

The control of Yersinia is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

26.2. Measures in place[(b)]

Official controls performed by regional health authorities in every Autonomous Community.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

26.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Yersinia in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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, limit of detection of the method, 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).

27. General evaluation*: Trichinella spp.

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

Trichinellosis is a notifiable zoonosis, cases are usually associated to outbreaks.

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

In Spain coexist domestic and sylvatic cycles. The main circulating species are ***T. spiralis*** and ***T. britovi***, which are widely distributed in our environment, sometimes in mixed infestations of both species.
T. ***pseudospiralis*** was detected, for the first time in 2014 in an infested boar. The importance of the detection of this species lies in the fact that it does not form a capsule and that it could not be detected by the trichinoscopic method.

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

Trichinellosis is a notifiable disease according to Royal Decree 2210/1995 (updated according to the Ministerial Order SSI/445/2015), laying down the National Epidemiological Surveillance Network.

Official Control activities to prevent and eradicate Trichinosis are performed according to European Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for Trichinella in meat, currently in force.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

27.4. Additional information

In Spain the wild game meat to be sold at retail is regulated by the Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the European union rules regarding hygienepractices, as well as foodstuffs production and commercialisation.
According to Article 7 of Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for ***Trichinella*** in meat, currently in force. Spain has prepared a contingency plan outlining all action to be taken when samples referred to in Articles 2 and 16 test are positive to Trichinella.
Spanish legislation on Trichinella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* **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

28. Description of Monitoring/Surveillance/Control programmes system*: Trichinella spp. in foodstuff

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

The control of Trichinella is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January

2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Official Control activities to prevent and eradicate Trichinosis are performed according to European Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for Trichinella in meat.
Additionally, in Spain, the control of Trichinella in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

28.2. Measures in place[(b)]

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

28.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Trichinella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents. Wild game meat to be sold at retail is regulated by Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the European union rules regarding hygiene practices, as well as foodstuffs production and marketing.

*** 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, limit of detection of the method, 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).

29. General evaluation*: Echinococcus spp.

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

In the 80s, many regions started to set up a control programme based on the control of animal echinococcosis and in general people health education, focused in professionals related with animals and at school level. Similar control programmes have been developed in other Autonomous Communities. The implementation of these control programmes got good results in the decrease of the incidence of the disease. Routine post-mortem examination at slaughterhouse has been carried out according to European legislation in force (Hygiene Package).

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

Control programmes in endemic regions got good results in the decrease of the disease at human level. The main source of infection in Spain is the cycle between sheep, dog and humans. The epidemiological surveillance of human CE was initiated in the 1950s by the provincial health government authorities, through an active search of cases with individualized information.

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

Human echinococcosis was a notifiable disease in some Spanish regions, according to Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network. Since 2015 it is a mandatory disease in all the Spanish regions according to the Ministerial Order SSI/445/2015.

Surveillance according to Directive 2003/99/EEC.
Control programmes in endemic regions.
Inclusion in National Epidemiology Surveillance Network according to Royal Decree 2210/1995.
The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

29.4. Additional information

Spanish legislation on Echinococcus in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* **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

30. Description of Monitoring/Surveillance/Control programmes system*: Echinococcus spp. in foodstuff

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

The control of Echinococcus is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Additionally, in Spain, the control of Echinococcus in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

30.2. Measures in place[(b)]

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

30.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Echinococcus in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

*** 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, limit of detection of the method, 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).

Spain

31. General evaluation*: Lyssavirus (rabies)

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

Paralytic and furious forms of rabies are described in the second book of the Hunting Agreement in the time of King Alfonso **XI (1312-1350). The Royal Assembly of Health**, publication of 23 November 1786, adopted measures to avoid transmission of rabies controlling movement of dogs and cats. **Royal Order of 1863** describes "measures of preservation that one has to follow in each case where the bite has been from a supposed rabid animal" and also set down the measures against rabies in animals, which were to be adopted by Local Authorities. At the beginning of the 20th century**, the Law of 18 December 1914 and Regulation of 4 June 1915** are approved to prevent the transmission to humans. **On 12 May 1947** the Ministry of Agriculture issued a General Order establishing the measures to be taken against rabies and a second **Order of 1948** established the norms for animal vaccination and control. During the 1950s the **first mass dog vaccination** campaigns took place. **The Epizootics Law of 20 December 1952** established the general regulation.

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

Since 1978 Spanish mainland and islands remains free of rabies in terrestrial mammals. Only a few cases of EBL have been reported in bats. These data show that the main source and risk for the apparition of cases of rabies in Spain is the importation of animals with the infection from Morocco, other countries of North Africa or countries of the Eastern Europe, where the disease is still present.

Since 1975 no human cases with origin in peninsular territory and islands have been reported.

Three fatal cases were imported from Morocco (2004 Ceuta), (2014 C. Madrid) and (2019 Basque country).

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

Compulsory surveillance of the disease according to article 4 of Directive 2003/99/EEC, came into force by Royal Decree 1940/2004. Compulsory vaccination of dogs in 14 autonomous communities, Ceuta and Melilla. In 2 other autonomous communities vaccination is compulsory only under certain circumstances. Voluntary in the rest.
Studies includes active surveillance of LB-1 in bats.
Information to the citizens about no manipulation of bats.
An Action Plan has been approved, and includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.
The National Contingency Plan for the control of terrestrial rabies in captive and wild animals **was updated in 2023.**

31.4. Additional information

At human level rabies is a notifiable disease according to Royal Decree 2210/1995 (updated according to the Ministerial Order SSI/445/2015), laying down the National Epidemiological Surveillance Network.

* **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

32. Description of Monitoring/Surveillance/Control programmes system*: Lyssavirus (rabies) in animal - Dogs

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

Monitoring system

Sampling strategy

Sampling strategy is targeted at 3 levels:

1. Apparently healthy terrestrial mammals that injure a person and die into the quarantine (kept under observation) period of 14 days or if the animal is suspected to be rabid (euthanasia). Samples are taken by competent authority.

Passive surveillance.

2.Dogs and cats imported from third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013 need a neutralising antibody titration at least equal to 0,5 IU/ml carried out in an approved laboratory to enter into Spain according to Council Regulation (EC) No 576/2013.

3. Studies including active surveillance of LB in bats.

Frequency of the sampling

Indeterminate

Type of specimen taken

Brain, Blood, Saliva

Methods of sampling (description of sampling techniques)

Brain of dead or sacrificed animals have to be sent to National Reference Laboratory following a protocol. The sample must be taken with sterility, to be submerged in salinum serum and glycerine in 50% solution and to be sent refrigerated quickly. Blood and serum (0,5 ml minimum) have to be sent following a protocol, by a quick transport service refrigerated or frozen.

Case definition

According to the Rabies Contingency Plan:

- **Suspicion case:** meets clinic or epidemiologic criteria.
- **Probable case:** meets clinic and epidemiologic criteria.
- **Confirmed case:** meets laboratory criteria.

Clinical criteria: any animal in the target population exhibiting any of the following:

- unexplained change in behaviour and unprovoked biting or aggression towards a person or animal ('animal aggressor') or inanimate object.
- one or more of the following clinical signs: hypersalivation, incoordination, paralysis, lethargy, abnormal vocalisation.
- unexplained behavioural change and death within 10 days.

Epidemiological criteria: any animal in the target population that meets one or more of the following:

- it has been in contact with a confirmed case (primary contact) or any of its contacts within the previous 30 days (secondary contacts), or in contact with a probable case within the previous 30 days.
- who has a history of travel or stay in rabies-endemic countries within the previous 3 months, without being vaccinated or with unknown vaccination status, and without having undergone antibody titration (unless exemptions have been granted by the competent authorities in this respect).
- who is present or originates from the Autonomous Cities of Ceuta and Melilla in the previous 3 months, and who is not vaccinated or of unknown vaccination status.
- who is in or originates from a restriction area in the previous 3 months and who is unvaccinated or of unknown vaccination status.
- who has a history of bat bites.

Laboratory criteria: laboratory confirmed animal according to the techniques specified in the Contingency Plan.

Regulations:
Commission Implementing Decision (EU) 2018/945 of 22 June 2018 on the communicable diseases and related special health issues to be covered by epidemiological surveillance as well as relevant case definitions.
Regulation (EU) 2022/2371 of the European Parliament and of the Council of 23 November 2022 on serious cross-border threats to health and repealing Decision No 1082/2013/EU.
Commission Implementing Decision (EU) 2018/945 of 22 June 2018 on the communicable diseases and related special health issues to be covered by epidemiological surveillance as well as relevant case definitions.
Commission Delegated Regulation (EU) 2020/689 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council as regards rules for surveillance, eradication programmes, and disease-free status for certain listed and emerging diseases.

Diagnostic/analytical methods used
Fluorescent Antibody Test (FAT), Polymerase Chain Reaction followed by DNA sequencing genomic areas, ELISA.

32.2. Measures in place[(b)]

Vaccination policy

Compulsory vaccination of dogs in 14 regions, Ceuta and Melilla.
In 2 other autonomous communities vaccination is compulsory only under certain circumstances.
Voluntary vaccination of dogs in 1 region.

Other preventive measures than vaccination in place
Control of animals coming from third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013 Identification and registration of dogs.
Pick up of stray dogs by council town authorities.

Control program/mechanisms
The control program/strategies in place.
Several regional prevention programmes.
Control of imports and exports according to Council Regulation(EC) No 576/2013 and Regulation(EC) No 577/2013.

Recent actions taken to control the zoonoses
Imports of third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013
An Action Plan has been approved in 2010, and includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.

Measures in case of the positive findings or single cases
Spanish National Contingency Plan against rabies, updated in 2023, includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.

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

Since 1952, at least, by Epizootic Law. At the moment by Animal Health Law 8/2003 and Royal Decree 526/2014.

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

In Spain, there have not been any cases of rabies in dogs since 1978 (with the exception of an animal that travelled to Morocco in 2013).

32.5. Additional information

Investigations of the human contacts with positive cases

All the people bitten by a suspected animal are investigated following the protocol " Rules of procedures in case of animal aggressions", published in 2012 (Spanish Contingency Plan). According to the epidemiological situation and the type of contact with the suspected animal, the decision about the application of complete treatment (vaccine and Ig) is taken.

In 2023 the protocol " Rules of procedures in case of animal aggressions" was included in the Rabies Contingency Plan, including risk assessment, actions to be taken after a risk exposition and treatment after a risk exposition.

* **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, limit of detection of the method, 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).

33. General evaluation*: Coxiella burnetii (Q fever)

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

Q fever is a zoonosis widely extended in the world. **It is transmitted airborne from animals to humans and** it **can survive in the environment for long periods. The main reservoirs are cattle, sheep, and goats.**

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

The epidemiological situation of Q fever in Spain remains stable but Spain reports the most human cases annually in Europe.

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

At human level, Q fever is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

During 2023 Spain updated the **Surveillance Programme** in ruminant herds and the control actions to take in case of human outbreaks or suspect animals, to be harmonised at national level.

33.4. Additional information

In Spain, **spatial distribution of human cases is heterogenous and follows patterns in the most affected areas, probably related to local environmental and livestock factors.** C**ompulsory** reporting **of the disease is a major step towards a shed of light on the knowledge of its epidemiology. More One Health-multidisciplinary studies are needed.**

* **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

34. General evaluation*: West Nile

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

West Nile virus circulation in Spain is known since 1980's, but the first human case was identified retrospectively in a person who had clinical disease in 2004. It was formally included as a notifiable disease in 2015. Until 2019, only few sporadic human cases had been notified (2010 and 2016). In 2020 an unprecedented increase of human cases was observed. All human cases had been exposed in Southwest Spain. Since then, there have been human cases every season (2020-2023) , not only in Southwest Spain but also on the Mediterranean coast.

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

West Nile virus is known to be circulating in Southwest Spain and Mediterranean coast locations in its zoonotic cycle. This poses a risk of human disease in people who are exposed to mosquito bites in those areas, where the risk is considered to be moderate. There is a possibility of spreading into new areas. The risk for humans is higher during mosquito season (from April to November), specially at the end of summer and beginning of autumn.

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

A National preparedness and response plan has been developed in 2023.

https://www.sanidad.gob.es/areas/alertasEmergenciasSanitarias/preparacionRespuesta/Plan_Vectores.htm

Local Public Health agencies are also developing specific plans at their territories.

34.4. Additional information

The lineage identified in human cases in Spain to the date, has been lineage 1.

* **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

35. Description of Monitoring/Surveillance/Control programmes system*: West Nile in animals

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

The National Surveillance Plan for West Nile Virus in animals was first developed and implemented in 2007. The plan is risk-based and focused on areas where there are favourable climatic and environmental conditions for the breeding and survival of the competent vector Culex, taking into account also the presence of migratory waterfowl spp described as possible reservoir, as they may play an important role in the spread of the virus between different geographical regions. Humid areas such as river basins, deltas or lakes with an abundance of migratory birds and mosquitoes are the optimal habitats for the circulation of the disease, and are therefore the areas considered at higher risk and the areas where surveillance is focused.

The surveillance plan also considers the equids as sentinels, mainly in the areas at higher risk, given they are more exposed to the bite of the vector than humans for being more in contact with the environment.

The results of the surveillance plan will determine the absence or presence of virus circulation, and, in the end, will inform for an effective response through the adoption of a series of preventive measures aimed at preventing the risk posed to animal health and the risk posed to public health.

The objectives of the surveillance plan are:
- To detect the presence of viral circulation in an area, so that the areas at higher risk in which the disease is present can be identified as soon as possible.
- To have information that allows to assess the risk of occurrence of the disease, in order to give an effective response to prevent impact on animal health and public health.

Sampling Strategy

The National Surveillance Plan includes surveillance in birds, equids and mosquitoes.
Surveillance in equidae comprises a passive component based on awareness campaigns and the investigation of those animals showing symptoms compatible with the disease and active component based on systematic sampling from sentinel animals located in geographical areas considered to be at higher risk (mainly the areas near the Doñana National Park, the Ebro Delta and the wetlands of Catalonia, Valencia, Murcia and the Balearic Islands).

Given the seasonal nature of the disease, which coincides with the mosquito activity season, the plan is activated from March-April until late autumn.

Surveillance of birds is carried out in an attempt to early detect the presence of the virus, and covers active and passive surveillance in domestic and wild birds, also focused in high risk areas.

Surveillance of mosquitoes Culex is carried out with a double objective: identification and distribution of vectors and early detection of the virus.

Type of samples:
In domestic and wild birds:
• Active surveillance: serum samples, cloacal and/or tracheal swabs, and feather samples
• Passive surveillance: brain samples, cloacal and/or tracheal swabs, and feather samples.
In equids:
• Active surveillance: serum samples

• Passive surveillance: blood and serum samples. When possible, or in the event of animal death, cerebrospinal fluid and/or tissue/organ samples may be taken.

Case definition
- A suspected case complemented with a positive result for IgM by ELISA at the National Reference Laboratory.
- Positive RT-PCR result

Diagnostic/analytical methods used
SNT, Elisa IgM and IgG, and PCR

35.2. Measures in place[(b)]

- Early notification of suspicions and confirmed cases.
- Strengthen passive surveillance in equine farms in the area where the virus has been detected
- Housing of animals during peak activity hours of vectors, as well as vector control measures in the environment in high risk areas, through the use of disinfectants.
- Vaccination of equines, especially in those areas considered to be at greater risk
- No animal restrictions are applicable.

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

According to Implementing Regulation 2020/2002, Royal Decree 779/2023 establishing the list of notifiable animal diseases and regulating their notification, and by Animal Health Law 8/2003

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

Between 2010 and 2023, lineage 1 of West Nile Virus has been detected in birds and in various equine holdings. In October 2017, lineage 2 of the virus was first detected in a bird, the common goshawk, which presented clinical symptoms, and has also been detected in 2020-2023 in wild birds and equines and 1 time in Culex.
From the phylogenetic results obtained to date in isolates from different years and geographical areas of circulating WNV viruses in Spain, it can be concluded that:
- Molecular and epidemiological data suggest that the first introduction of WNV in the western Mediterranean region was possibly through migratory birds.
- The WNV isolates characterized in Spain between 2007 and 2016 are distributed in at least two clusters within the group of isolates from the western Mediterranean (Wmed-1 and Wmed-2), of which the Wmed-2 cluster, which caused the first isolated from Spain, seems to have become extinct, at least in our territory, as no sequence after 2008 is grouped in it.
- The virus does not need new introductions from other territories to produce new outbreaks, given that it continues to circulate endemically in the Iberian Peninsula.
- Phylogenetic studies suggest at least 2 introductions in our country from other areas of the Mediterranean.
- Lineage 1 is currently present in Spain in the center and south of the peninsula and lineage 2 in the northeast.

35.5. Additional information

The following link includes additional information on the disease:

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/sanidad-animal/enfermedades/fiebre-nilo-occidental/F_O_Nilo.aspx

The following link includes additional information on the disease and on the risk analysis carried out in Spain in September 2021 by the Coordinated Center for Alerts and Emergencies of the Ministry of Health in coordination with MAPA:

https://www.mscbs.gob.es/profesionales/saludPublica/ccayes/alertasActual/docs/20210902_ERR_Nilo_Occidental.pdf

* **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, limit of detection of the method, 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).

Spain

36. General evaluation*: Toxoplasma spp.

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

Toxoplasmosis in production animals has been associated classically to the production of miscarriage. The main source of infection is linked to the contamination of feed by cat faeces, although the use of dung in natural fertilization of pastures has to be considered as an important source of infection for adults. For humans, there are two main sources of infection: contact with cats and consumption of vegetables, water or animal products, mainly sheep and pig meat. In the 60's and 70's, studies in some regions of Spain detected prevalence between 12-45% in sheeps; between 11- 42% in pigs; and between 14-36% in cattle. More recent studies refer the prevalence between 30-57% in sheeps; between 41-62% in pigs; and between 25-43% in cattle. In cats, the incidence founded by private clinics is close to 30%.

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

Main sources of infection for humans are cats and consumption of meat insufficient cooked.

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

Surveillance according to Directive 2003/99/EC. Primary prevention of the disease with recommendations to prevent infection during pregnancy in humans.

At human level congenital toxoplasmosis is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

36.4. Additional information

Further studies on the incidence of congenital toxoplasmosis are needed .

* **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

37. General evaluation*: Verotoxigenic Escherichia coli (VTEC)

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

Verotoxigenic Escherichia coli have emerged as a foodborne pathogen which can cause severe and potentially fatal illness. Ruminants, especially cattle and sheep, have been implicated as the principal reservoir of VTEC. Transmission happened through consumption of undercooked meat, unpasteurized dairy products, vegetables or water contaminated by ruminant faeces. In 2007-2011, 2013, 2015, 2017, 2019, 2021 and 2023 national active monitoring programmes have been performed in young cattle 1-2 years old at slaughterhouse under a herd based approach.

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

Most of the Verotoxigenic Escherichia coli infections in Spain are reported in children under five years of age.
In cattle, the percentage of animals colonized by strain O157:H7 has been similar in last monitoring programmes. Raw beef products are the main source of infection. Small ruminants may also represent a source of transmission of VTEC to humans.

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

Surveillance of the disease according to Directive 2003/99/EEC. National monitoring programmes 2007-2011 and 2013 in young cattle 1-2 years old, and in 2017, 2019, 2021 and 2023 in calves under 1 year. Compulsory and voluntary monitoring programmes in raw meat of different species of animals, minced meat and meat products, other animal origin products, vegetables and other products.
At human level VTEC is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.
The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (I.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

37.4. Additional information

Diagnostic methods used in food:
- Bacteriological method: ISO 16.654:2001.
- Method ELISA
- PCR-Bax

Spanish legislation on Verotoxigenic Escherichia coli (VTEC) in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* **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

38. Description of Monitoring/Surveillance/Control programmes system*: Verotoxigenic Escherichia coli (VTEC) in foodstuff

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

The control of VTEC is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Additionally, in Spain, the control of VTEC in food is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting VTEC/STEC in imported food and responsible for the surveillance plan that annually carry out by the inspection staff at the BCP's.

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

38.2. Measures in place[(b)]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety**.**

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

38.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and

distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.
As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs in compliance with the microbiological criteria laid down in the aforementioned Regulation.
Spanish legislation on VTEC in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* **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, limit of detection of the method, 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).

39. Description of Monitoring/Surveillance/Control programmes system*: Histamine in foodstuff

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

As the control of Histamine in fishery products with a high amount of histidine is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting Histamina in imported food and responsible for the surveillance plan that annually carry out by the inspection staff at the BCP's

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

39.2. Measures in place[(b)]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

39.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

* **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, limit of detection of the method, 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).

Spain

40. Description of Monitoring/Surveillance/Control programmes system*: Cronobacter in foodstuff

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

As the control of Cronobacter in dried infant formulae and dried dietary foods is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

40.2. Measures in place[(b)]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

40.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

* **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, limit of detection of the method, 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).

Spain

41. Description of Monitoring/Surveillance/Control programmes system*: Staphylococcal enterotoxins in foodstuff

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

As the control of Staphylococcal enterotoxins in cheeses, milk powder and whey powder is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

For more information on this plan, please refer to the following link:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/pncoca.htm

Results of investigations published in the Annual Report of MANCP are available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

41.2. Measures in place[(b)]

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023).

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

41.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

* **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, limit of detection of the method,

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).

42. Description of Monitoring/Surveillance/Control programmes system*: Cisticercus spp.

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

The control of Cisticercus is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) Nº 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

42.2. Measures in place[(b)]

Official controls performed by regional health authorities in every Autonomous Community.

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

Yes. Please refer to Prevalence Tables

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

Detailed results of each Autonomous Community will be published by AESAN in the 2023 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2023**).**

It will be available at:
https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

42.5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Cisticercus in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* **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, limit of detection of the method, 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).

43. Food-borne Outbreaks

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

The National Epidemiological Surveillance Network was created by Royal Decree 2210/1995, December 28th. The outbreak system is a basic system within this Network. The reporting of a summary of every investigated outbreak is mandatory. All the outbreaks must be reported immediately at the regional level. At national level it is mandatory to report immediately only those outbreaks which, by law, are defined as being supra-regional (considered to be of national interest), whereas the rest of the outbreaks have to be quarterly reported**.**

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

The Spanish System covers all type of outbreaks (household, general and international outbreaks) and due to any agent (biological, chemical, etc.)

43.3. National evaluation of the reported outbreaks in the country[(a)]

In 2022 a total of 626 food-borne outbreaks (producing 6924 cases) have been reported to the National Epidemiological Surveillance Network in Spain.

43.4. Descriptions of single outbreaks of special interest

Salmonella is the agent more frequently involved in foodborne outbreaks. The most frequent food item mentioned was eggs and eggs products.

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

Outbreak investigations as well as necessary control measures are carried out by the health authorities of the regions. When the outbreak involved more than one Autonomous Region the coordination of the outbreak investigation is done at national level.

43.6. 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

43.7. Additional information

Information about places of food production and preparation is not available at national level.

(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.

44. Institutions and laboratories involved in antimicrobial resistance monitoring and reporting

MAPA, Spanish Ministry of Agriculture, Fish and Food, through the Subdirectorate General for Animal Health, Hygiene and Traceability is the central competent authority for the monitoring and reporting AMR in primary production. The ACs are responsible for sampling.

AESAN, Spanish Agency of Food Safety and Nutrition, through the Sub-directorate General for Official Control and Alerts, is the central competent authority for the monitoring and reporting AMR in food.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and AMR in isolated strains founded in imported food and responsible for the samples obtained from the BCP's.

The **Central Veterinary Laboratory (CVL)** of MAPA is the National Reference Laboratory (NRLs) for AMR in primary production, which is involved in isolations and antimicrobial susceptibility testing (AST) of relevant isolates.

The **National Food Centre (CNA)** of AESAN the National Reference Laboratories (NRLs) for AMR in food is involved in antimicrobial susceptibility testing (AST) of relevant isolates.

The **Barcelona Public Health Agency Laboratory (LASPB)** and the **Catalan Public Health Agency Laboratory in Girona (LASPCAT-Girona)**, both of them laboratories of the Autonomous Community of Catalonia, are involved in antimicrobial susceptibility testing of relevant isolated strains of *E.coli* for AMR in food.

The Public Health Laboratory (LSP) of the Autonomous Community of Valencia is involved in antimicrobial susceptibility testing of relevant isolated strains of *E.coli* for AMR in food.

The National Centre of Microbiology (CNM) of Charles III Institute (Ministry of Science and Innovation) is involved in antimicrobial susceptibility testing of relevant isolated strains of *Salmonella* and *Campylobacter* from human samples.

The **VISAVET** Health Surveillance Centre is a centre for research support belonging to the Complutense University of Madrid and is involved in antimicrobial susceptibility testing of relevant isolated strains of E. coli and *Salmonella* for AMR in food. It is also involved in antimicrobial susceptibility testing of MRSA for AMR monitoring of isolates from broiler meat.

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

45. General Antimicrobial Resistance Evaluation

45.1 Situation and epidemiological evolution (trends and sources) regarding AMR to critically important antimicrobials[(a)] (CIAs) over time until recent situation

No clear, ascending or descending trend is observed. In Spain, resistance levels are generally high even for critical antibiotics.

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

The high volume of antibiotics in food-producing animals contributes to the development of antimicrobial-resistant bacteria, particularly in intensive animal production. Antimicrobial-resistant infections in humans can cause longer illnesses, increased frequency of hospitalization, and treatment failures that can result in death. Some types of bacteria have already developed multiresistance, even the critical antibiotics are not the available to treat these infections. For these reasons, this is a crucial problem we need to face in the coming years and more studies are necessary.

45.3 Recent actions taken to control AMR in food producing animals and food

- Royal Decree 666/2023, dated July 18, regulates the distribution, prescription, dispensing, and use of veterinary medicines. The regulation is aimed at ensuring the prudent and responsible use of veterinary medicines throughout the distribution chain, with the primary objective of combating antimicrobial resistance and reducing the need for the use of antimicrobial medicines.

- Royal Decree 992/2023 for the sustainable use of antibiotics in livestock species has been published, aiming to promote sustainable use of these medications in said species. The purpose of this Royal Decree is to establish national measures to reduce antibiotic consumption in the field of livestock species, based on the establishment of a national reference consumption value defined according to species and zootechnical classification. Farms must approximate their consumption to this value, and various measures will be implemented depending on the percentage by which this limit is exceeded.

- With the aim of ensuring that the farmer has a real understanding of the antibiotic consumption in their operation, there is currently a module in PRESVET intended for the farmer. In this module, both the farmer and the veterinarian responsible for the livestock operation, with the owner's prior authorization, can access the antibiotic consumption data for their operation through a quarterly report.

- The livestock veterinarian stands as a fundamental figure in optimizing the use of antimicrobials, as their functions include advising and developing improvement proposals regarding the overall antibiotic consumption in the livestock operation. Royal Decree 364/2024 defines the functions of the livestock veterinarian, including advising and developing improvement proposals on the overall antibiotic consumption in the livestock operation, as well as raising awareness about antimicrobial resistance and its consequences.

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

Write text here please

45.5 Additional information

Write text here please

(a): The CIAs depends on the bacterial species considered and the harmonised set of substances tested within the framework of the harmonised monitoring:
- For *Campylobacter* spp., macrolides (erythromycin) and fluoroquinolones (ciprofloxacin);
- For *Salmonella* and *E. coli*, 3rd and 4th generation cephalosporins (cefotaxime) and fluoroquinolones (ciprofloxacin) and colistin (polymyxin);

46. General Description of Antimicrobial Resistance Monitoring*; Salmonella spp. Pigs

46.1 General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of ***Salmonella*** Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2023, Regional Authorities have collected **caecal samples of pigs** at slaughterhouse and have sent them to the National Reference Laboratory (Laboratorio Central de Veterinaria de Algete) for monitoring AMR.

Sampling frequency:

400 samples each two years, distributed in weekly samplings throughout the year and the different slaughterhouses selected throughout the country.

Type of specimen taken:

According to the Commission Implementing Decision 2020/1729/EU and EFSA Technical specifications, the type of samples taken are caecal samples from **pigs gathered at slaughterhouses**.

Sampling method:

In 2023 sampling was carried out at 20 slaughterhouses processing 71,34 % of pigs in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly. 196 isolates have been obtained.

Methods used for data collection:

Spain uses a computer application developed by the Ministry of Agriculture and Fisheries, Food an Environment, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

46.2 Stratification procedure per animal population and food category

Before starting the sampling, a selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

46.3 Randomisation procedure per animal population and food category

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.

Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit considered refers to the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

46.4 Analytical method used for detection and confirmation[(b)]

Detection, confirmation and serotyping performed by NRL. Confirmation is performed according to ISO 6579-1 method. Accreditation ENAC based on Standard: UNE-EN ISO/IEC 17025: 2005

46.5 Laboratory methodology used for detection of antimicrobial resistance[(C)]

Antimicrobials included in monitoring:

Established in Decision 2020/1729/EU

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Table 2 of Decision 2020/1729/ EU to determine the sensitivity of ***Salmonella*** spp. and ***E. coli***. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

46.6 Library preparation used

Write text here please

46.7 Version of the predictive tool

Write text here please

46.8 Results of investigation

Sent through DCF

46.9 Additional information

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

For more information, please refer to:

http://www.resistenciaantibioticos.es/es

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

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

(c): Antimicrobials included, Cut-off values

47. General Description of Antimicrobial Resistance Monitoring*; Salmonella spp. Calves

47.1. General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of ***Salmonella*** Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2023 Regional Authorities have collected **caecal samples of bovines < 1 year** at slaughterhouse and have sent them to the National reference Laboratory (Laboratorio Central de Veterinaria de Algete) to perform the isolation, identification and perform the antibiogram for monitoring AMR.

Sampling frequency:

400 samples each 2 years, distributed in weekly samplings throughout the year and the different slaughterhouses selected throughout the country. In Spain, prevalence is below 30% according to previous monitoring programmes, so 400 samples are the target of the sampling.

Type of specimen taken:

According to the Commission Implementing Decisions 2020/1729/EU and EFSA Technical specifications, type of samples taken are caecal samples gathered at slaughter from calves < 1 year.

Sampling method:

In 2023 sampling was carried out at 32 slaughterhouses processing 71,82% of calves in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly. 24 isolates have been obtained.

Methods used for data collection:

Spain uses a computer application developed by the Ministry of Agriculture and Fisheries, Food an Environment, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

47.2. Stratification procedure per animal population and food category

Before starting the sampling, a selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

47.3. Randomisation procedure per animal population and food category

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.

Sampling is distributed monthly, and the day of sampling is selected randomly. The epidemiological unit considered refers to the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

47.4. Analytical method used for detection and confirmation[(b)]

Detection, confirmation and serotyping performed by NRL. Confirmation is performed according to ISO 6579-1 method. Accreditation ENAC based on Standard: UNE-EN ISO/IEC 17025: 2005

47.5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

Antimicrobials included in monitoring:

Established in Decision 2020/1729/EU

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Table 2 of Decision 2020/1729/ EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

47.6. Library preparation used

Write text here please

47.7. Version of the predictive tool

Write text here please

47.8. Results of investigation

Sent through DCF

47.9. Additional information

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

Spain

For more information please refer to:

http://www.resistenciaantibioticos.es/es

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

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

(c): Antimicrobials included, Cut-off values

48. General Description of Antimicrobial Resistance Monitoring*; Campylobacter spp. Pigs

48.1 General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring

The control programme in place in Spain for monitoring of ***Campylobacter*** spp. antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2023 several caecal samples from pigs were gathered at slaughterhouses, due to the production of pig meat in Spain is more than 10 000 tonnes slaughtered per year. The ACs took samples of caecum of pigs in slaughterhouses. The samples were sent to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) in order to isolate, identify and perform the antibiogram.

Frequency of the sampling

400 samples per year, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken

According to the Commission Implementing Decisions 2021/1729/EU and Technical specifications, the type of samples taken are caecal samples from pigs gathered at slaughterhouses.

Methods of sampling (description of sampling techniques)

In 2023 sampling was carried out at 20 slaughterhouses processing 71,34 % of pigs in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for antimicrobial testing

164 isolates of C. coli and 0 of C. jejuni were detected and performed the AST.

Methods used for collecting data

Spain uses an informatics application developed by the Ministry of Agriculture, Fisheries and Food, where the NRL introduce the data, which are sent to the mentioned Ministry and finally the results are sent to EFSA through the Data Collection Framework.

48.2 Stratification procedure per animal population and food category

Previous to start the sampling, a selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

48.3 Randomisation procedure per animal population and food category

Sampling are proportionally distributed according to the volume of production of each slaughterhouse.

Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit considered refers to the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

48.4 Analytical method used for detection and confirmation[(b)]

A sterile swab with the faeces samples is used to inoculate into an agar plate mCCDA (Oxoid). The plates are incubated in microaerophilic at 42º for 48 hours.

Identification by PCR

48.5 Laboratory methodology used for detection of antimicrobial resistance(C)

Antimicrobials included in monitoring

Established in Decision 2020/1729/EU

Chloramphenicol, ciprofloxacin, ertapenem, erythromycin, gentamicin, tetracycline

Cut-off values used in testing

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Table 3 of Decision 2020/1729/ EU to determine the sensitivity of ***Campylobacter*** spp. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

48.6 Library preparation used

Write text here please

48.7 Version of the predictive tool

Write text here please

48.8 Results of investigation

Sent through DCF

48.9 Additional information

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

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

(c): Antimicrobials included, Cut-off values

49. General Description of Antimicrobial Resistance Monitoring*; Campylobacter spp. Calves

49.1 General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring

The control programme in place in Spain for monitoring of Campylobacter spp. Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2023 several caecal samples from calves were gathered at slaughterhouses due to the the production of calve`s meat in Spain is more than 10 000 tonnes slaughtered per year. The ACs took samples of caecum of pigs in slaughterhouses and they send them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) to perform the isolation, identification and perform the antibiogram.

Frequency of the sampling

3400 samples per year, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken

According to the Commission Implementing Decisions 2020/1729/EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from calves.

Methods of sampling (description of sampling techniques)

In 2023 sampling was carried out at 32 slaughterhouses processing 71,82% of calves in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for antimicrobial testing

We only detected 90 C.jejuni isolates from a total number of 396 units tested. Due to loss of viability we only tested 81 isolates for AMR.

81 C. jejuni and 21 C. Coli were detected from samples selected randomly, to get an even distribution over the year, and they were sent for antimicrobial testing.

Methods used for collecting data

Spain uses an informatics application developed by the Ministry of Agriculture, Fisheries and Food, where the NRL introduce the data, which are sent to the mentioned Ministry and finally the results are sent to EFSA through the Data Collection Framework.

49.2 Stratification procedure per animal population and food category

Before starting the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

49.3 Randomisation procedure per animal population and food category

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.

Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

49.4 Analytical method used for detection and confirmation[(b)]

A sterile swab with the faeces samples is used to inoculate into an agar plate mCCDA (Oxoid). The plates are incubated in microaerophilic at 42º for 48 hours.

Identification by PCR

49.5 Laboratory methodology used for detection of antimicrobial resistance[(C)]

Antimicrobials included in monitoring

Established in Decision 2020/1729/EU

Chloramphenicol, ciprofloxacin, ertapenem, erythromycin, gentamicin, tetracycline

Cut-off values used in testing

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Table 2 of Decision 20120/1729 / EU to determine the sensitivity of Campylobacter spp. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

49.6 Library preparation used

Write text here please

49.7 Version of the predictive tool

Write text here please

49.8 Results of investigation

Sent through DCF

49.8 Additional information

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

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

(c): Antimicrobials included, Cut-off values

50 General Description of Antimicrobial Resistance Monitoring*; Escherichia coli non-pathogenic Calves

50.1 General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of Escherichia coli, non-pathogenic antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2023 several caecal samples from calves were gathered at slaughterhouses because the production of calves meat in Spain is more than 10 000 tonnes slaughtered per year. **The ACs** took samples of caecum of calves in slaughterhouses and they sent them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) in order to perform the isolation, identification and the antibiogram.

Sampling frequency:

400 samples per year for ESBL-, AmpC- and carbapenemase-producing Escherichia coli and 400 samples per year for indicator commensal E. coli, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2020/1729EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from fattening turkeys.

Type of sampling/Method of Sampling:

Sampling are proportionally distributed according to the volume of production of each slaughterhouse is carried out at 32 slaughterhouses processing 71,84% of calves in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for the antimicrobial test:

170 strains of the 394 isolates of indicator commensal E. coli were selected randomly, to get an even distribution over the year, to AST.

In 2023 174 samples were tested for ESBL-, AmpC- and carbapenemase-producing Escherichia coli, but only the positive ones are sent to EFSA through DCF.

1 isolate (0.3%) was identified as a potential producer of OXA carbapenemases. After subjecting it to the antibiotic panel, it was found to be resistant to Meropenem, Ertapenem, and Imipenem

Methods used for data collection:

Spain uses an informatic application developed by the Ministry of Agriculture, Fisheries and Food where the NRL introduce the data, which are sent to the mentioned Ministry and finally the results are sent to EFSA by the Data Collection Framework.

50.2 Stratification procedure per animal population and food category

Previous to start the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

50.3 Randomisation procedure per animal population and food category

Sampling are proportionally distributed according to the volume of production of each slaughterhouse.

Spain

Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

50.4 **Analytical method used for detection and confirmation[(b)]**

Inoculation of Agar McConkey and incubation at 37ºC during 18-20h.

Identification by PCR

50.5 **Laboratory methodology used for detection of antimicrobial resistance[(C)]**

Antimicrobials included in monitoring:

They are established in Decision 2020/1729/EC.

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2020/1729 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006). EN 14.11.2013 Official Journal of the European Union L 303/33.

50.6 Library preparation used

Write text here please

50.7 Version of the predictive tool

Write text here please

50.8 Results of investigation

Sent through DCF

50.9 Additional information

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

(b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with

regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..

(c): Antimicrobials included, Cut-off values

51 General Description of Antimicrobial Resistance Monitoring*; Escherichia coli non-pathogenic Pigs

51.1 General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of Escherichia coli, non-pathogenic antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2023 several caecal samples from pigs were gathered at slaughterhouses, because the production of pig meat in Spain is more than 10 000 tonnes slaughtered per year. The ACs took samples of caecum of pigs in slaughterhouses and they sent them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) in order to perform the isolation, identification and the antibiogram.

Sampling frequency:

400 samples per year for ESBL-, AmpC- and carbapenemase-producing Escherichia coli and 400 samples per year for indicator commensal E. coli, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2020/1729/EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from pigs.

Method of Sampling:

Sampling is proportionally distributed according to the volume of production of each slaughterhouse is carried out at 20 slaughterhouses processing 71,34 % of pigs in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for the antimicrobial test:

170 strains of the 413 isolated indicator commensal E. coli were selected randomly, to get an even distribution over the year, to AST.

In 2023, 340 samples were tested for ESBL-, AmpC- and carbapenemase-producing Escherichia coli but only the positive ones were sent through DCF.

23 isolates (5.6%) of E. coli, which are potential producers of OXA (oxacillinase) carbapenemases, were identified. These isolates were subjected to antibiotic panels, and 100% showed resistance to the carbapenem antibiotics Meropenem, Ertapenem, and Imipenem.

Methods used for data collection:

Spain uses an informatic application developed by the Ministry of Agriculture, Fisheries and Food, where the NRL introduce the data, which are sent to the mentioned Ministry and finally the results are sent to EFSA through the Data Collection Framework.

51.2 Stratification procedure per animal population and food category

Previous to start the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

51.3 Randomisation procedure per animal population and food category

Sampling is proportionally distributed according to the volume of production of each slaughterhouse.

Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

51.4 Analytical method used for detection and confirmation[(b)]

Inoculation of Agar McConkey and incubation at 37ºC during 18-20h.

Identification by PCR

51.5 Laboratory methodology used for detection of antimicrobial resistance(C)

Antimicrobials included in monitoring:

They are established in Decision 2020/1729/EC.

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2020/1729 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

51.6 Library preparation used

Write text here please

51.7 Version of the predictive tool

Write text here please

51.8 Results of investigation

Sent through DCF

51.9 Additional information

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

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

(c): Antimicrobials included, Cut-off values

Spain

52 General Description of Antimicrobial Resistance Monitoring*; Escherichia coli, non-pathogenic in fresh bovine meat

52.1 General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of *E.coli* Antimicrobial resistance is a National control programme. Sampling is mandatory for the Regional Authorities.

Regional Authorities have collected samples of fresh bovine meat at retail and have sent them to the National reference Laboratory (Centro Nacional de Alimentación- CNA) for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Valencia has collected samples of fresh meat from retail and sent them for analysis to its own reference laboratory (the Public Health Laboratory (LSP) for the monitoring of antimicrobial resistance according to Decision 2020/1729/EU on the surveillance and notification of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Catalonia has collected samples of fresh meat from retail and sent them for analysis to its reference laboratories (the Barcelona Public Health Agency Laboratory (LASPB) and the Catalan Public Health Agency Laboratory in Girona (LASPCAT-Girona)) for the monitoring of antimicrobial resistance according to Decision 2020/1729/EU on the surveillance and notification of antimicrobial resistance in zoonotic and commensal bacteria.

The activities are made pursuant to Regulation (EC) nº 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs must be established at all stages of production, processing and distribution). To this end, food business operators are required to apply appropriate systems and procedures.

The Ministry of Health, thorough Subdirectorate of Foreign Health, has collected 68 samples of meat at different BCP's, and has sent them to be analysed to its designated official laboratory VISAVET, for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

From these 68 food samples, indicator commensal E. coli, was isolated in 19 of them.

From these 19 indicator commensal E.coli isolates, no phenotypes compatible with ESBL-, AmpC-producing E.Coli were detected.

Sampling frequency:

300 samples per year, distributed in weekly samplings throughout the year and the different regions throughout the country. Three samples could not be analysed due to the impossibility of sending by one of the providers participating in the program.

10 strains of ESBL/AmpC producing Escherichia coli were isolated by CNA from the 205 fresh bovine meat samples received.

The Autonomous Community of Valencia collected samples of fresh meat evenly distributed throughout the year for analysis. Of the 35 fresh meat samples received, beta-lactamase-producing *E coli* was detected in 1 of them.

The Autonomous Community of Catalonia collected samples of fresh meat evenly distributed throughout the year for analysis. Of the 57 fresh meat samples received, beta-lactamase-producing E coli was not detected in any of them.

According to the Commission Implementing Decision 2020/1729 and Technical specifications, the frequency of sampling in BCP's for fresh bovine meat was fixed in approximately 2%.

Type of specimen taken:

According to the Commission Implementing Decision 2020/1729 and Technical specifications, the type of sample taken is fresh bovine meat.

Type of sampling:

Food sample meat, prospective sampling.

Sampling method:

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

In the Autonomous Community of Valencia, fresh meat (not frozen) packaged and exposed for sale to the consumer at retail level, with a minimum weight of 100g has been sampled. Subsequently, the samples have been introduced into a secondary container to protect them individually. One sample is taken per batch and with a sufficient expiration date to guarantee the analysis time.

In the Autonomous Community of Catalonia, fresh meat (not frozen) packaged and exposed for sale to the consumer at retail level, with a minimum weight of 200g has been sampled. Subsequently, the samples have been introduced into a secondary container to protect them individually. One sample is taken per batch and with a sufficient expiration date to guarantee the analysis time.

Samples were took randomly at BCP's according to an established frequency and technical procedure.

Procedures for the selection of isolates for the antimicrobial test:

Spain

Inoculate one loop-full (10 µl loop) of the overnight culture (BPW) by applying a single streak onto a MacConkey agar plate containing 1 mg/L cefotaxime (CTX) and inoculating one loopful (10 µl loop) of the incubated preenrichment culture in BPW onto suitable selective agars for the isolation of presumptive carbapenemase producing *E.coli.* Reference PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing Escherichia coli from fresh meat Version 7 (December 2019).

Methods used for data collection:

AESAN uses two different ways for transmitting AMR data to Data Collection Framework:

- a computer application developed by MAPA, where CNA (AESAN's NRL) introduces AMR data and have been technically revised and transmitted as XML by AESAN.

- the provided AMR Excel-Tool fulfilled by the Autonomous Community of Valencia and the Autonomous Community of Catalonia which have been technically revised and transmitted as XML by AESAN.

All the data of the fresh meat samples that are taken at the time of collection are recorded, and all the data of the analysis during the processing of the sample are recorded in the laboratory.

MS uses the Excel Tool provided by EFSA for reporting AMR data from BCP's

52.2 Stratification procedure per animal population and food category

The criteria for the selection of the autonomous communities to collect the samples are based on population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population.

Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to Autonomous Communities.

Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket.

The established selection criteria by the Autonomous Community of Valencia in order to assign the number of samples depends on the production volume of each establishment, on the number of strains willing to isolate and on the prevalence.

The established selection criteria by the Autonomous Community of Catalonia in order to assign the number of samples is based on the proportional distribution of the samples to each of the provinces, taking into account the number of inhabitants in each province.

52.3 Randomisation procedure per animal population and food category

Epidemiological unit: product batch. It can be taken up to 5 different lots of the same product in one visit to the establishment.

The competent Authorities of the Autonomous Communities take samples of fresh bovine meat at retail trade and the CNA (NRL) isolates *E.coli* strains and performs the antibiogram.

In the Autonomous Community of Valencia the sample collection has been distributed in the corresponding provinces within the region gathering the main establishments.

In the Autonomous Community of Catalonia the sample collection is done randomly among the retail sales in the corresponding provinces.

The BCP's Inspection Services under the coordination of the Ministry of Health take samples of imported fresh bovine meat at BCP level and the VISAVET Laboratory performs the isolation of E.Coli strains and the antibiogram.

52.4 Analytical method used for detection and confirmation[(b)]

Laboratory methodology:

- Isolation of ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019).
- Biochemical probes for the detection and confirmation of isolated strains of presumptive ESBL, AmpC and carbapenemase producing *E.coli*
- Antimicrobial Sensitivity Test by microdilution for the phenotipical characterization of resistance based on ISO 20776.

NRL, Centro Nacional de Alimentación (CNA) and LSP.

52.5 Laboratory methodology used for detection of antimicrobial resistance[(C)]

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, cefoxitin, ertapenem, imipenem, temocilin cefotaxime/clavulanic acid and ceftazidime/clavulanic acid.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Decision 2020/1729EU to determine the susceptibility of E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (EUCAST)) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2019) .EN 14.11.2013 Official Journal of the European Union L 303/33.

52.6 Library preparation used

Write text here please

52.7 Version of the predictive tool

Write text here please

52.8 Results of investigation

Sent through DCF

52.9 Additional information

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

For more information please refer to:

http://www.resistenciaantibioticos.es/es

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

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

(c): Antimicrobials included, Cut-off values

53 General Description of Antimicrobial Resistance Monitoring*; Escherichia coli, non-pathogenic in fresh pig meat

53.1 General description of sampling design and strategy[(a)]

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of *E.coli* Antimicrobial resistance is a National control programme. Sampling is mandatory for the Regional Authorities.

Regional Authorities have collected samples of fresh pig meat at retail and have sent them to the National reference Laboratory (Centro Nacional de Alimentación- CNA) for monitoring AMR according to the

Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Valencia has collected samples of fresh meat from retail and sent them for analysis to its own reference laboratory (the Public Health Laboratory (LSP) for the monitoring of antimicrobial resistance according to Decision 2020/1729/EU on the surveillance and notification of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Catalonia has collected samples of fresh meat from retail and sent them for analysis to its reference laboratory (the Barcelona Public Health Agency Laboratory (LASPB) and the Catalan Public Health Agency Laboratory in Girona (LASPCAT-Girona)) for the monitoring of antimicrobial resistance according to Decision 2020/1729/EU on the surveillance and notification of antimicrobial resistance in zoonotic and commensal bacteria.

The activities are made pursuant to Regulation (EC) no 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs must be established at all stages of production, processing and distribution). To this end, business operators are required to apply appropriate systems and procedures**.**

The Ministry of Health, thorough Subdirectorate of Foreign Health, did not collected any sample of fresh pig meat at BCP's level.

Sampling frequency:

300 samples per year, distributed in weekly samplings throughout the year and the different regions throughout the country. Three samples could not be analysed due to the impossibility of sending by one of the providers participating in the program.

11 strains of ESBL/AmpC producing Escherichia coli and 1 strain of carbapenemase-producing Escherichia coli were isolated by CNA from the 205 fresh pig meat samples received.

The Autonomous Community of Valencia collected samples of fresh meat evenly distributed throughout the year for analysis. Of the 35 fresh meat samples received, beta-lactamase-producing *E coli* was not detected in any of them.

The Autonomous Community of Catalonia collected samples of fresh meat evenly distributed throughout the year for analysis. Of the 57 fresh meat samples received, beta-lactamase-producing E coli was detected in 8 of them.

According to the Commission Implementing Decision 2020/1729 and Technical specifications, the frequency of sampling in BCP's for fresh pig meat was fixed in approximately 10%. Although, due to the lack of enough imported fresh pig meat susceptible for analysis, no samples were taking at BCP level.

Spain

Type of specimen taken:

According to the Commission Implementing Decisions 2020/1729 and Technical specifications, the type of sample taken is fresh pig meat.

Type of sampling:

Food sample meat, prospective sampling

Sampling method:

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

In the Autonomous Community of Valencia, fresh meat (not frozen) packaged and exposed for sale to the consumer at retail level, with a minimum weight of 100g has been sampled. Subsequently, the samples have been introduced into a secondary container to protect them individually. One sample is taken per batch and with a sufficient expiration date to guarantee the analysis time.

In the Autonomous Community of Catalonia, fresh meat (not frozen) packaged and exposed for sale to the consumer at retail level, with a minimum weight of 200g has been sampled. Subsequently, the samples have been introduced into a secondary container to protect them individually. One sample is taken per batch and with a sufficient expiration date to guarantee the analysis time.

Samples are took randomly at BCP's according to an established frequency and technical procedure.

Procedures for the selection of isolates for the antimicrobial test:

Inoculate one loop-full (10 µl loop) of the overnight culture (BPW) by applying a single streak onto a MacConkey agar plate containing 1 mg/L cefotaxime (CTX) and inoculating one loopful (10 µl loop) of the incubated preenrichment culture in BPW onto suitable selective agars for the isolation of presumptive carbapenemase producing E.coli. Reference PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019).

Methods used for data collection:

AESAN uses two different ways for transmitting AMR data to Data Collection Framework:

- a computer application developed by MAPA, where CNA (AESAN's NRL) introduces AMR data and have been technically revised and transmitted as XML by AESAN.

- the provided AMR Excel-Tool fulfilled by the Autonomous Community of Valencia and the Autonomous Community of Catalonia which have been technically revised and transmitted as XML by AESAN.

Spain

All the data of the fresh meat samples that are taken at the time of collection are recorded, and all the data of the analysis during the processing of the sample are recorded in the laboratory.

MS uses the Excel Tool provided by EFSA for reporting AMR data from BCP's.

53.2 Stratification procedure per animal population and food category

The criteria for the selection of the autonomous communities to collect the samples are based on population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population.

Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to Autonomous Communities.

Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket.

The established selection criteria by the Autonomous Community of Valencia in order to assign the number of samples depends on the production volume of each establishment, on the number of strains willing to isolate and on the prevalence.

The established selection criteria by the Autonomous Community of Catalonia in order to assign the number of samples is based on the proportional distribution of the samples to each of the provinces, taking into account the number of inhabitants in each province.

53.3 Randomisation procedure per animal population and food category

Epidemiological unit: product batch. It can be taken up to 5 different lots of the same product in one visit to the establishment.

The competent Authorities of the Autonomous Communities take samples of fresh pig meat at retail trade and the CNA (NRL) isolates E.coli strains and performs the antibiogram.

In the Autonomous Community of Valencia the sample collection has been distributed in the corresponding provinces within the region gathering the main establishments.

In the Autonomous Community of Catalonia, the sample collection is done randomly among the retail sales in the corresponding provinces.

The BCP's Services under the coordination of the Ministry of Health take samples of imported fresh pig meat at BCP level and the VISAVET Laboratory performs the isolation of E.coli strains and the antibiogram.

53.4 Analytical method used for detection and confirmation[(b)]

Laboratory methodology:

- Isolation of ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019).
- Biochemical probes for the detection and confirmation of isolated strains of presumptive ESBL, AmpC and carbapenemase producing *E.coli*
- Antimicrobial Sensitivity Test by microdilution for the phenotipical characterization of resistance based on ISO 20776.

NRL, Centro Nacional de Alimentación (CNA) and LSP.

53.5 Laboratory methodology used for detection of antimicrobial resistance[(C)]

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, cefoxitin, ertapenem, imipenem, temocilin cefotaxime/clavulanic acid and ceftazidime/clavulanic acid.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in the Decision 2020/1729 EU to determine the susceptibility of E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (EUCAST) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2019) .EN 14.11.2013 Official Journal of the European Union L 303/33.

53.6 Library preparation used

Write text here please

53.7 Version of the predictive tool

Write text here please

53.8 Results of investigation

Sent through DCF

53.9 Additional information

Spain

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

For more information please refer to:

http://www.resistenciaantibioticos.es/es

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

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

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

(c): Antimicrobials included, Cut-off values