

Romania

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

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

IN 2021

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 Romania during the year 2021.

The information covers the occurrence of these diseases and agents in animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and indicator bacteria as well as information on epidemiological investigations of foodborne outbreaks.

Complementary data on susceptible animal populations in the country is also given. The information given covers both zoonoses that are important for the public health in the whole European Union as well as zoonoses, which are relevant on the basis of the national epidemiological situation.

The report describes the monitoring systems in place and the prevention and control strategies applied in the country. For some zoonoses this monitoring is based on legal requirements laid down by the European Union legislation, while for the other zoonoses national approaches are applied.

The report presents the results of the examinations carried out in the reporting year. A national evaluation of the epidemiological situation, with special reference to trends and sources of zoonotic infections, is given. Whenever possible, the relevance of findings in foodstuffs and animals to zoonoses cases in humans is evaluated.

The information covered by this report is used in the annual European Union Summary Reports on zoonoses and antimicrobial resistance that are published each year by EFSA.

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

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

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ANIMAL POPULATION TABLES

Table Susceptible animal population

Animal species	Category of animals	Population			
		holding	animal	slaughter animal (heads)	herd/flock
Cattle (bovine animals)	Cattle (bovine animals)	331,954	1,986,382	206,274	
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks, unspecified	49			
	Gallus gallus (fowl) - breeding flocks, unspecified - adult		2,921,648		462
	Gallus gallus (fowl) - broilers - before slaughter	327	268,503,155	268,502,613	13,530
	Gallus gallus (fowl) - laying hens - adult	218	13,175,658		873
Pigs	Pigs	451,416	3,522,921	3,951,883	
Small ruminants	Goats	65,645	1,532,706	14,531	
	Goats - animals over 1 year		1,529,523		
	Goats - animals under 1 year		3,183		
	Sheep	139,925	2,037,267	440,983	
	Sheep - animals over 1 year		1,995,566		
	Sheep - animals under 1 year (lambs)		41,701		
Solipeds, domestic	Solipeds, domestic	195,276	237,783	29,946	
Turkeys	Turkeys - fattening flocks			593,803	
	Turkeys - fattening flocks - before slaughter	17	2,105,027		274

DISEASE STATUS TABLES

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

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
ROMANIA	Brucella abortus	356,983	0	356,983
Bihor	Brucella abortus	12,209	0	12,209
Bistrița-Năsăud	Brucella abortus	25,519	0	25,519
Cluj	Brucella abortus	8,142	0	8,142
Maramureș	Brucella abortus	25,127	0	25,127
Satu Mare	Brucella abortus	6,109	0	6,109
Sălaj	Brucella abortus	5,138	0	5,138
Alba	Brucella abortus	13,018	0	13,018
Brașov	Brucella abortus	6,963	0	6,963
Covasna	Brucella abortus	4,597	0	4,597
Harghita	Brucella abortus	11,871	0	11,871
Mureș	Brucella abortus	7,302	0	7,302
Sibiu	Brucella abortus	4,414	0	4,414
Bacău	Brucella abortus	11,621	0	11,621
Botoșani	Brucella abortus	18,061	0	18,061
Iași	Brucella abortus	14,844	0	14,844
Neamț	Brucella abortus	16,185	0	16,185
Suceava	Brucella abortus	29,655	0	29,655
Vaslui	Brucella abortus	9,840	0	9,840
Brăila	Brucella abortus	4,790	0	4,790
Buzău	Brucella abortus	8,334	0	8,334
Constanța	Brucella abortus	3,229	0	3,229
Galați	Brucella abortus	4,591	0	4,591
Tulcea	Brucella abortus	2,102	0	2,102
Vrancea	Brucella abortus	8,011	0	8,011
Argeș	Brucella abortus	13,415	0	13,415
Călărași	Brucella abortus	1,663	0	1,663
Dâmbovița	Brucella abortus	6,565	0	6,565
Giurgiu	Brucella abortus	2,483	0	2,483
Ialomița	Brucella abortus	3,298	0	3,298
Prahova	Brucella abortus	6,498	0	6,498
Teleorman	Brucella abortus	5,099	0	5,099
București	Brucella abortus	13	0	13

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
Ilfov	Brucella abortus	514	0	514
Dolj	Brucella abortus	5,681	0	5,681
Gorj	Brucella abortus	8,089	0	8,089
Mehedinți	Brucella abortus	5,328	0	5,328
Olt	Brucella abortus	5,670	0	5,670
Vâlcea	Brucella abortus	8,755	0	8,755
Arad	Brucella abortus	5,082	0	5,082
Caraș-Severin	Brucella abortus	5,599	0	5,599
Hunedoara	Brucella abortus	7,843	0	7,843
Timiș	Brucella abortus	3,716	0	3,716

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

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
ROMANIA	Brucella melitensis	182,717	0	182,717
Bihor	Brucella melitensis	2,766	0	2,766
Bistrița-Năsăud	Brucella melitensis	7,433	0	7,433
Cluj	Brucella melitensis	4,031	0	4,031
Maramureș	Brucella melitensis	7,448	0	7,448
Satu Mare	Brucella melitensis	1,251	0	1,251
Sălaj	Brucella melitensis	2,471	0	2,471
Alba	Brucella melitensis	2,554	0	2,554
Brașov	Brucella melitensis	6,508	0	6,508
Covasna	Brucella melitensis	5,662	0	5,662
Harghita	Brucella melitensis	13,211	0	13,211
Mureș	Brucella melitensis	9,006	0	9,006
Sibiu	Brucella melitensis	5,260	0	5,260
Bacău	Brucella melitensis	4,724	0	4,724
Botoșani	Brucella melitensis	3,566	0	3,566
Iași	Brucella melitensis	5,080	0	5,080
Neamț	Brucella melitensis	7,858	0	7,858
Suceava	Brucella melitensis	3,123	0	3,123
Vaslui	Brucella melitensis	4,973	0	4,973
Brăila	Brucella melitensis	4,822	0	4,822
Buzău	Brucella melitensis	3,821	0	3,821
Constanța	Brucella melitensis	3,054	0	3,054
Galați	Brucella melitensis	4,365	0	4,365
Tulcea	Brucella melitensis	1,805	0	1,805
Vrancea	Brucella melitensis	5,566	0	5,566
Argeș	Brucella melitensis	6,087	0	6,087
Călărași	Brucella melitensis	2,716	0	2,716
Dâmbovița	Brucella melitensis	2,103	0	2,103
Giurgiu	Brucella melitensis	1,095	0	1,095
Ialomița	Brucella melitensis	2,911	0	2,911
Prahova	Brucella melitensis	7,344	0	7,344
Teleorman	Brucella melitensis	4,936	0	4,936
București	Brucella melitensis	10	0	10
Ifov	Brucella melitensis	394	0	394
Dolj	Brucella melitensis	5,955	0	5,955
Gorj	Brucella melitensis	1,895	0	1,895

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
Mehedinți	Brucella melitensis	2,917	0	2,917
Olt	Brucella melitensis	5,126	0	5,126
Vâlcea	Brucella melitensis	2,707	0	2,707
Arad	Brucella melitensis	2,739	0	2,739
Caraș-Severin	Brucella melitensis	3,448	0	3,448
Hunedoara	Brucella melitensis	7,007	0	7,007
Timiș	Brucella melitensis	2,969	0	2,969

DISEASE STATUS TABLES

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

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
ROMANIA	Mycobacterium bovis		3	
	Mycobacterium caprae		29	
	Mycobacterium tuberculosis complex (MTC)	356,952	31	356,983
Bihor	Mycobacterium caprae		4	
	Mycobacterium tuberculosis complex (MTC)	12,205		12,209
Bistrița-Năsăud	Mycobacterium caprae		1	
	Mycobacterium tuberculosis complex (MTC)	25,518		25,519
Cluj	Mycobacterium caprae		1	
	Mycobacterium tuberculosis complex (MTC)	8,141		8,142
Maramureș	Mycobacterium tuberculosis complex (MTC)	25,127	0	25,127
Satu Mare	Mycobacterium caprae		3	
	Mycobacterium tuberculosis complex (MTC)	6,106		6,109
Sălaj	Mycobacterium caprae		1	
	Mycobacterium tuberculosis complex (MTC)	5,137		5,138
Alba	Mycobacterium tuberculosis complex (MTC)	13,018	0	13,018
Brașov	Mycobacterium bovis		1	
	Mycobacterium caprae		15	
	Mycobacterium tuberculosis complex (MTC)	6,948	15	6,963
Covasna	Mycobacterium tuberculosis complex (MTC)	4,597	0	4,597

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
Harghita	Mycobacterium tuberculosis complex (MTC)	11,871	0	11,871
Mureș	Mycobacterium tuberculosis complex (MTC)	7,302	0	7,302
Sibiu	Mycobacterium tuberculosis complex (MTC)	4,414	0	4,414
Bacău	Mycobacterium tuberculosis complex (MTC)	11,621	0	11,621
Botoșani	Mycobacterium tuberculosis complex (MTC)	18,061	0	18,061
Iași	Mycobacterium tuberculosis complex (MTC)	14,844	0	14,844
Neamț	Mycobacterium tuberculosis complex (MTC)	16,185	0	16,185
Suceava	Mycobacterium tuberculosis complex (MTC)	29,655	0	29,655
Vaslui	Mycobacterium tuberculosis complex (MTC)	9,840	0	9,840
Brăila	Mycobacterium tuberculosis complex (MTC)	4,790	0	4,790
Buzău	Mycobacterium caprae		3	
	Mycobacterium tuberculosis complex (MTC)	8,331		8,334
Constanța	Mycobacterium tuberculosis complex (MTC)	3,229	0	3,229
Galați	Mycobacterium tuberculosis complex (MTC)	4,591	0	4,591
Tulcea	Mycobacterium tuberculosis complex (MTC)	2,102	0	2,102
Vrancea	Mycobacterium tuberculosis complex (MTC)	8,011	0	8,011
Argeș	Mycobacterium tuberculosis complex (MTC)	13,415	0	13,415

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
Călărași	Mycobacterium tuberculosis complex (MTC)	1,663	0	1,663
Dâmbovița	Mycobacterium tuberculosis complex (MTC)	6,565	0	6,565
Giurgiu	Mycobacterium tuberculosis complex (MTC)	2,483	0	2,483
Ialomița	Mycobacterium tuberculosis complex (MTC)	3,298	0	3,298
Prahova	Mycobacterium tuberculosis complex (MTC)	6,498	0	6,498
Teleorman	Mycobacterium tuberculosis complex (MTC)	5,099	0	5,099
București	Mycobacterium tuberculosis complex (MTC)	13	0	13
Ifov	Mycobacterium tuberculosis complex (MTC)	514	0	514
Dolj	Mycobacterium tuberculosis complex (MTC)	5,681	0	5,681
Gorj	Mycobacterium tuberculosis complex (MTC)	8,089	0	8,089
Mehedinți	Mycobacterium tuberculosis complex (MTC)	5,328	0	5,328
Olt	Mycobacterium tuberculosis complex (MTC)	5,670	0	5,670
Vâlcea	Mycobacterium tuberculosis complex (MTC)	8,755	0	8,755
Arad	Mycobacterium tuberculosis complex (MTC)	5,082	0	5,082
Caraș-Severin	Mycobacterium tuberculosis complex (MTC)	5,599	0	5,599
Hunedoara	Mycobacterium tuberculosis complex (MTC)	7,843	0	7,843
Timiș	Mycobacterium bovis		2	
	Mycobacterium caprae		1	

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
Timiș	Mycobacterium tuberculosis complex (MTC)	3,713	3	3,716

PREVALENCE TABLES

Table Brucella:BRUCELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Bison - Farm - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Complement fixation test (CFT)	animal	192	0	Brucella	0
	Bison - Farm - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	565	0	Brucella	0
	Deer - farmed - Farm - Romania - animal sample - blood - Unspecified - Official sampling - Objective sampling	N_A	Complement fixation test (CFT)	animal	12	0	Brucella	0
	Deer - farmed - Farm - Romania - animal sample - blood - Unspecified - Official sampling - Objective sampling	N_A	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	12	0	Brucella	0
	Dogs - Veterinary clinics - Romania - animal sample - blood - Unspecified - Industry sampling - Objective sampling	N_A	Complement fixation test (CFT)	animal	3	2	Brucella canis	2
	Dogs - Veterinary clinics - Romania - animal sample - Unspecified - Industry sampling - Objective sampling	semen	Detection method of microorganisms	animal	3	0	Brucella	0
		testis	Detection method of microorganisms	animal	1	0	Brucella	0
	Mouflons - Farm - Romania - animal sample - blood - Unspecified - Industry sampling - Objective sampling	N_A	Complement fixation test (CFT)	animal	12	0	Brucella	0
	Pigs - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Complement fixation test (CFT)	animal	19516	22	Brucella suis	22
	Pigs - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	18881	17	Brucella suis	17
	Pigs - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	testis	Detection method of microorganisms	animal	1	1	Brucella suis	1
	Pigs - Backyard - Romania - animal sample - Surveillance - Official sampling - Objective sampling	Brucella culture from testis, Brucella suis biovariante 2	PCR	animal	1	1	Brucella suis	1
	Pigs - Farm - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Complement fixation test (CFT)	animal	20117	0	Brucella	0
	Pigs - Farm - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	19928	0	Brucella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Pigs - Farm - Romania - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Brucella	0
	Pigs - Farm - Romania - animal sample - Surveillance - Official sampling - Objective sampling	semen	Detection method of microorganisms	animal	67	0	Brucella	0
	Rabbits - Natural habitat - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	4	0	Brucella	0
	Wild boars - Natural habitat - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Complement fixation test (CFT)	animal	198	11	Brucella suis	11
	Wild boars - Natural habitat - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	198	11	Brucella suis	11
	Wild boars - Natural habitat - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	352	8	Brucella suis	8
	Wild boars - Natural habitat - Romania - animal sample - Surveillance - Official sampling - Objective sampling	Brucella culture from the 8 positive organ samples. Brucella suis biovarianta 2	PCR	animal	8	8	Brucella suis	8

Table Campylobacter:CAMPYLOBACTER in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	141	49	Campylobacter coli	8
							Campylobacter jejuni	42
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	239	215	Campylobacter coli	213
							Campylobacter jejuni	4
Bihor	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	0	Campylobacter	0
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	7	6	Campylobacter coli	6
Bistrița-Năsăud	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	5	2	Campylobacter jejuni	2
Cluj	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	0	Campylobacter	0
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	1	Campylobacter coli	1
Maramureș	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	7	0	Campylobacter	0
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	9	6	Campylobacter coli	6
Satu Mare	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	18	17	Campylobacter coli	16
							Campylobacter jejuni	1
Sălaj	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	2	1	Campylobacter jejuni	1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	9	9	Campylobacter coli	9
Alba	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	5	0	Campylobacter	0
Brașov	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	5	2	Campylobacter jejuni	2
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	3	Campylobacter coli	3
Covasna	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	1	Campylobacter coli	1
							Campylobacter jejuni	1
Harghita	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	0	Campylobacter	0
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	1	Campylobacter coli	1
Mureș	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	1	Campylobacter jejuni	1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Sibiu	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	10	3	Campylobacter coli Campylobacter jejuni	2 1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	3	Campylobacter coli	3
Bacău	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	1	Campylobacter coli	1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	3	Campylobacter coli	3
Botoșani	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	18	5	Campylobacter jejuni	5
Iași	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	7	0	Campylobacter	0
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	11	11	Campylobacter coli	11
Neamț	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	5	1	Campylobacter jejuni	1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	6	4	Campylobacter coli	4
Suceava	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	15	7	Campylobacter jejuni	7
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	2	1	Campylobacter coli	1
Vaslui	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	2	2	Campylobacter coli Campylobacter jejuni	1 1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	1	Campylobacter coli	1
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	2	Campylobacter coli Campylobacter jejuni	1 1
Brăila	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	6	6	Campylobacter coli	6
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	9	5	Campylobacter jejuni	5
Buzău	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	12	12	Campylobacter coli	12
Constanța	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	3	Campylobacter coli	3
Galați	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	3	3	Campylobacter coli	3
Tulcea	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	1	1	Campylobacter jejuni	1
Vrancea	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughte r animal batch	2	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Vrancea	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	6	5	Campylobacter coli	5
Argeş	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	1	0	Campylobacter	0
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	13	13	Campylobacter coli Campylobacter jejuni	13 1
Călăraşi	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	12	5	Campylobacter jejuni	5
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	8	7	Campylobacter coli	7
Dâmboviţa	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	2	2	Campylobacter coli	2
Giurgiu	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	7	7	Campylobacter coli	7
Ialomiţa	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	4	3	Campylobacter coli	3
Prahova	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	2	1	Campylobacter jejuni	1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	1	1	Campylobacter coli	1
Teleorman	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	7	7	Campylobacter coli	7
Doj	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	2	2	Campylobacter coli Campylobacter jejuni	1 1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	6	5	Campylobacter coli	5
Mehedinţi	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	3	1	Campylobacter jejuni	1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	4	4	Campylobacter coli Campylobacter jejuni	4 1
Olt	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	7	6	Campylobacter coli	6
Vâlcea	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	8	4	Campylobacter coli Campylobacter jejuni	1 3
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	5	4	Campylobacter coli	4
Arad	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	1	0	Campylobacter	0
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	15	13	Campylobacter coli	13
Caraş-Severin	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N.A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	2	1	Campylobacter jejuni	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Caraş-Severin	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N_A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	6	4	Campylobacter coli	4
Hunedoara	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N_A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	2	1	Campylobacter jejuni	1
	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N_A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	9	9	Campylobacter coli	9
Timiș	Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	N_A	ISO 10272-1:2017 Campylobacter	slaughter animal batch	40	35	Campylobacter coli	34
							Campylobacter jejuni	1

Table Campylobacter:CAMPYLOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Romania - food sample - neck skin - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 10272-2:2017 Campylobacter	1450	491	Campylobacter, unspecified sp.	491
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Romania - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 10272-2:2017 Campylobacter	1399	521	Campylobacter, unspecified sp.	521
	Meat from broilers (Gallus gallus) - fresh - chilled - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	Detection method presence in x g	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	Detection method presence in x g	5	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	Detection method presence in x g	36	9	Campylobacter, unspecified sp.	9
	Meat from turkey - carcase - chilled - Slaughterhouse - Romania - food sample - neck skin - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0

Table Clostridium:CLOSTRIDIUM in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fishery products, unspecified - ready-to-eat - Retail - Morocco - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	canned fish	PCR	1	0	Clostridium botulinum	0
	Fishery products, unspecified - ready-to-eat - Retail - Poland - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	canned fish	PCR	2	0	Clostridium botulinum	0
	Meat from pig - meat products - meat specialities - Household - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	traditional smoked products	PCR	2	0	Clostridium botulinum	0
	Meat, mixed meat - meat products - meat specialities - Household - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	smoked dry raw product	PCR	1	0	Clostridium botulinum	0

Table Cronobacter:CRONOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 22964:2017 Cronobacter	10	0	Cronobacter	0

Table Echinococcus:ECHINOCOCCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Cattle (bovine animals) - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
	Cattle (bovine animals) - Farm - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	PCR	animal	18	18	Echinococcus granulosus sensu lato	18
	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
	Goats - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	3	0	Echinococcus	0
	Pigs - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	53	0	Echinococcus	0
	Sheep - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	26	0	Echinococcus	0
	Sheep - Farm - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	2	0	Echinococcus	0
	Sheep - Farm - Romania - animal sample - organ/tissue - Unspecified - Industry sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
	Sheep - Unspecified - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
Bistrița-Năsăud	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
Satu Mare	Goats - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	3	0	Echinococcus	0
	Pigs - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	52	0	Echinococcus	0
	Sheep - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	14	0	Echinococcus	0
Sălaj	Pigs - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	2	0	Echinococcus	0
Sibiu	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	PCR	animal	1	1	Echinococcus granulosus sensu lato	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Neamț	Cattle (bovine animals) - Farm - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
	Sheep - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	2	0	Echinococcus	0
	Sheep - Farm - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	2	0	Echinococcus	0
	Sheep - Unspecified - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
Brăila	Sheep - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	2	0	Echinococcus	0
Tulcea	Cattle (bovine animals) - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
	Pigs - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
	Sheep - Backyard - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Detection method of microorganisms	animal	8	0	Echinococcus	0
	Sheep - Farm - Romania - animal sample - organ/tissue - Unspecified - Industry sampling - Objective sampling	N_A	Detection method of microorganisms	animal	1	0	Echinococcus	0
Argeș	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	PCR	animal	3	3	Echinococcus granulosus sensu lato	3
Dolj	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	PCR	animal	5	5	Echinococcus granulosus sensu lato	5
Gorj	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	PCR	animal	2	2	Echinococcus granulosus sensu lato	2
Mehedinți	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	PCR	animal	1	1	Echinococcus granulosus sensu lato	1
Vâlcea	Cattle (bovine animals) - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	PCR	animal	6	6	Echinococcus granulosus sensu lato	6

Table Escherichia coli:ESCHERICHIA COLI in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - carcase - chilled - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - HACCP and own check - Objective sampling	slaughter animal batch	400	Square centimetre	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - fresh - chilled - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - fresh - chilled - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Milk, cows' - raw milk for manufacture - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Millilitre	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0

Table HISTAMINE in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border Control Posts - Non European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	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 - Processing plant - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	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 - Processing plant - Non European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	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 - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	N_A	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 - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	N_A	261	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 - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	261	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 - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	N_A	45	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 - Non European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	54	0	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	45	4	<=100	Histamine	0	3
								>100 TO <=200	Histamine	0	1
								>200	Histamine	0	3
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	N_A	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 - not enzyme maturated - Wholesale - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	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 - Wholesale - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	N_A	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 - Wholesale - Non European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	N_A	189	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 of units tested	N of 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 - Processing plant - Non European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	18	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	27	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	36	0	<=200	Histamine	0	9
								>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 - Non European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	90	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 - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	27	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Wholesale - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	18	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Wholesale - Non European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	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 - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	N_A	9	0	<=200	Histamine	0	0
								>200 TO <=400	Histamine	0	0
								>400	Histamine	0	0

Table Listeria: LISTERIA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	43	1	Listeria welshimeri	1
	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	6	1	Listeria monocytogenes	1
	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	6	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	3	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	7	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Deer - Natural habitat - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	14	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	4	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - milk - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Other ruminants - wild - Natural habitat - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
	Pigs - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	3	0	Listeria monocytogenes	0
	Pigs - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
	Sheep - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	31	12	Listeria innocua Listeria ivanovii Listeria monocytogenes	2 8 2
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	20	0	Listeria monocytogenes	0
	Sheep - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	12	1	Listeria monocytogenes	1
	Solipeds, domestic - horses - Farm - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Bihor	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	3	0	Listeria monocytogenes	0
Bistrița-Năsăud	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Cluj	Sheep - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	4	0	Listeria monocytogenes	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	8	0	Listeria monocytogenes	0
Alba	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Buzău	Sheep - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Constanța	Cattle (bovine animals) - Farm - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
Galați	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Argeș	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Călărași	Cattle (bovine animals) - Farm - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Solipeds, domestic - horses - Farm - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Dâmbovița	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	14	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Other ruminants - wild - Natural habitat - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Pigs - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Giurgiu	Sheep - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	4	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Ialomița	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Goats - Backyard - Not Available - animal sample - milk - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
Ifov	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Sheep - Backyard - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
Dolj	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Olt	Sheep - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
Vâlcea	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	1	Listeria welshimeri	1
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0
Arad	Cattle (bovine animals) - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	2	0	Listeria monocytogenes	0
Timiș	Sheep - Backyard - Not Available - animal sample - brain - Clinical investigations - Industry sampling - Suspect sampling	N.A	Microbiological tests	animal	1	0	Listeria monocytogenes	0

Table Listeria: LISTERIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Bakery products - cakes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Bakery products - cakes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Bakery products - cakes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	1132	10	detection	Listeria monocytogenes - molecular serogroup IIa	1,132	5
									Listeria monocytogenes - molecular serogroup IIb	1,132	5
	Bakery products - cakes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	132	1	detection	Listeria monocytogenes - molecular serogroup IIa	132	1
	Bakery products - cakes - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	110	0	detection	Listeria monocytogenes	110	0
	Bakery products - cakes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	60	10	<=100	Listeria monocytogenes	60	10
								>100	Listeria monocytogenes	60	0
	Bakery products - cakes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	1817	3	detection	Listeria monocytogenes - molecular serogroup IIa	1,817	3
	Bakery products - cakes - School or kindergarten - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - desserts - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - desserts - containing raw eggs and cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Bakery products - desserts - containing raw eggs and cream - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	170	0	detection	Listeria monocytogenes	170	0
	Bakery products - desserts - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	185	0	detection	Listeria monocytogenes	185	0
	Bakery products - desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Bakery products - desserts - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	515	0	detection	Listeria monocytogenes	515	0
	Bakery products - pastry - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	115	0	detection	Listeria monocytogenes	115	0
	Bakery products - pastry - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - pastry - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	470	0	detection	Listeria monocytogenes	470	0
	Bakery products - pastry - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	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 of units tested	N of units positive
Not Available	Bakery products - pastry - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	66	0	detection	Listeria monocytogenes	66	0
	Bakery products - pastry - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Bakery products - pastry - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	232	0	detection	Listeria monocytogenes	232	0
	Bakery products - pastry - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Bakery products - pastry - yeast leavened pastry - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	46	0	detection	Listeria monocytogenes	46	0
	Bakery products - pastry - yeast leavened pastry - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	197	0	detection	Listeria monocytogenes	197	0
	Bakery products - pastry - yeast leavened pastry - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Bakery products - pastry - yeast leavened pastry - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	469	0	detection	Listeria monocytogenes	469	0
	Bakery products - pastry - yeast leavened pastry - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Suspect sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - pastry - yeast leavened pastry - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Bakery products - pastry - yeast leavened pastry - School or kindergarten - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	856	0	detection	Listeria monocytogenes	856	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	400	0	detection	Listeria monocytogenes	400	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	83	0	detection	Listeria monocytogenes	83	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	125	0	detection	Listeria monocytogenes	125	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	45	0	detection	Listeria monocytogenes	45	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	355	0	detection	Listeria monocytogenes	355	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Household - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	16	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	100	0	detection	Listeria monocytogenes	100	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	145	0	detection	Listeria monocytogenes	145	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Household - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	299	0	detection	Listeria monocytogenes	299	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	375	11	detection	Listeria monocytogenes - molecular serogroup IIa	375	4
									Listeria monocytogenes - molecular serogroup IIb	375	1
									Listeria monocytogenes - molecular serogroup IVb	375	6
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	36	0	detection	Listeria monocytogenes	36	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	115	0	detection	Listeria monocytogenes	115	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	70	0	detection	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 of units tested	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	N_A	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Farm - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Household - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	45	0	detection	Listeria monocytogenes	45	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	44	0	detection	Listeria monocytogenes	44	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	90	0	detection	Listeria monocytogenes	90	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
>100								Listeria monocytogenes	10	0	
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	2352	0	detection	Listeria monocytogenes	2,352	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only enumeration	185	0	<=100	Listeria monocytogenes	185	0
>100								Listeria monocytogenes	185	0	
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	114	0	detection	Listeria monocytogenes	114	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	300	0	detection	Listeria monocytogenes	300	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	28	0	detection	Listeria monocytogenes	28	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	40	0	detection	Listeria monocytogenes	40	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	N_A	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Farm - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Household - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	369	0	detection	Listeria monocytogenes	369	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only enumeration	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	8	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Household - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	N_A	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 - Household - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	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 - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	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 - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	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 - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	502	0	detection	Listeria monocytogenes	502	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only enumeration	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	40	0	detection	Listeria monocytogenes	40	0
	Cheeses made from sheep's milk - unspecified - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	29	0	detection	Listeria monocytogenes	29	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - Household - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	40	0	detection	Listeria monocytogenes	40	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	50	0	detection	Listeria monocytogenes	50	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	220	0	detection	Listeria monocytogenes	220	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	223	0	detection	Listeria monocytogenes	223	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	16	0
	Crustaceans - prawns - raw - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	9	0	detection	Listeria monocytogenes	9	0
	Crustaceans - prawns - shelled, shucked and cooked - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Crustaceans - prawns - shelled, shucked and cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - shelled, shucked and cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	208	0	detection	Listeria monocytogenes	208	0
	Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	40	0	detection	Listeria monocytogenes	40	0
	Dairy products (excluding cheeses) - butter - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - butter - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - butter - Wholesale - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - butter - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	275	0	detection	Listeria monocytogenes	275	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0	
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	121	0	detection	Listeria monocytogenes	121	0	
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Dairy products (excluding cheeses) - cream - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	85	0	detection	Listeria monocytogenes	85	0
	Dairy products (excluding cheeses) - cream - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - dairy desserts - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	286	0	detection	Listeria monocytogenes	286	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	135	0	detection	Listeria monocytogenes	135	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	181	0	detection	Listeria monocytogenes	181	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	63	0	detection	Listeria monocytogenes	63	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - School or kindergarten - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	497	15	detection	Listeria monocytogenes - molecular serogroup IVb	497	15
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - ice-cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	307	0	detection	Listeria monocytogenes	307	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	510	5	detection	Listeria monocytogenes - molecular serogroup IVb	510	5
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	105	0	detection	Listeria monocytogenes	105	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Dairy products (excluding cheeses) - yoghurt - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	776	0	detection	Listeria monocytogenes	776	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	155	0	detection	Listeria monocytogenes	155	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	237	0	detection	Listeria monocytogenes	237	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - yoghurt - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	490	0	detection	Listeria monocytogenes	490	0
	Dairy products (excluding cheeses) - yoghurt - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Egg products - non-ready-to-eat - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - raw - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Fishery products, unspecified - raw - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fishery products, unspecified - raw - Packing centre - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Fishery products, unspecified - raw - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	27	0	detection	Listeria monocytogenes	27	0
	Fishery products, unspecified - raw - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	55	0	detection	Listeria monocytogenes	55	0
	Fishery products, unspecified - raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Fishery products, unspecified - raw - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Fishery products, unspecified - raw - Retail - Non European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	41	0	<=100	Listeria monocytogenes	41	0
>100								Listeria monocytogenes	41	0	
	Fishery products, unspecified - raw - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	44	0	detection	Listeria monocytogenes	44	0
	Fishery products, unspecified - raw - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	55	0	detection	Listeria monocytogenes	55	0
	Fishery products, unspecified - raw - Retail - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - raw - Wholesale - Non European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fishery products, unspecified - raw - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fishery products, unspecified - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fishery products, unspecified - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	90	0	<=100	Listeria monocytogenes	90	0
								>100	Listeria monocytogenes	90	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	60	0	detection	Listeria monocytogenes	60	0
					Only detection	399	1	detection	Listeria monocytogenes - molecular serogroup IIa	399	1
	Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	120	5	detection	Listeria monocytogenes - molecular serogroup IIa	120	5
	Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Fishery products, unspecified - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Fishery products, unspecified - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	145	0	detection	Listeria monocytogenes	145	0
	Fishery products, unspecified - ready-to-eat - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	240	0	<=100	Listeria monocytogenes	240	0
								>100	Listeria monocytogenes	240	0
	Fishery products, unspecified - ready-to-eat - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	10	0	detection	Listeria monocytogenes	10	0
	Fishery products, unspecified - ready-to-eat - Retail - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	117	0	<=100	Listeria monocytogenes	117	0
								>100	Listeria monocytogenes	117	0
	Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	116	10	<=100	Listeria monocytogenes	116	0
								>100	Listeria monocytogenes - molecular serogroup IIa	116	10
	Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	50	0	detection	Listeria monocytogenes	50	0
					Only detection	364	2	detection	Listeria monocytogenes - molecular serogroup IIa	364	1
									Listeria monocytogenes - molecular serogroup IVb	364	1
	Fishery products, unspecified - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	265	8	detection	Listeria monocytogenes - molecular serogroup IIa	265	8
	Fishery products, unspecified - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Household - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Fruits - products - dried - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	65	0	detection	Listeria monocytogenes	65	0
	Fruits - products - dried - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Fruits and vegetables - non-pre-cut - Household - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fruits and vegetables - non-pre-cut - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	200	0	<=100	Listeria monocytogenes	200	0
								>100	Listeria monocytogenes	200	0
	Fruits and vegetables - non-pre-cut - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	186	0	detection	Listeria monocytogenes	186	0
	Fruits and vegetables - non-pre-cut - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fruits and vegetables - non-pre-cut - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Fruits and vegetables - non-pre-cut - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits and vegetables - non-pre-cut - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	27	0	detection	Listeria monocytogenes	27	0
	Fruits and vegetables - non-pre-cut - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	100	0	detection	Listeria monocytogenes	100	0
	Fruits and vegetables - non-pre-cut - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	216	0	detection	Listeria monocytogenes	216	0
	Fruits and vegetables - pre-cut - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fruits and vegetables - pre-cut - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	30	0	detection	Listeria monocytogenes	30	0
	Fruits and vegetables - pre-cut - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Fruits and vegetables - pre-cut - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	337	0	<=100	Listeria monocytogenes	337	0
								>100	Listeria monocytogenes	337	0
	Fruits and vegetables - pre-cut - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	841	0	detection	Listeria monocytogenes	841	0
	Fruits and vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fruits and vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	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 of units tested	N of units positive
Not Available	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	130	0	detection	Listeria monocytogenes	130	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	21	0	detection	Listeria monocytogenes	21	0
	Fruits and vegetables - pre-cut - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	55	0	detection	Listeria monocytogenes	55	0
	Fruits and vegetables - products - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Fruits and vegetables - products - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	34	0	detection	Listeria monocytogenes	34	0
	Fruits and vegetables - products - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	85	0	detection	Listeria monocytogenes	85	0
	Fruits and vegetables - products - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	70	0	detection	Listeria monocytogenes	70	0
	Juice - vegetable juice - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	4	0	detection	Listeria monocytogenes	4	0
	Juice - vegetable juice - unpasteurised - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	Unpasteurized fruit and vegetable juices	21	0	detection	Listeria monocytogenes	21	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	15	0	detection	Listeria monocytogenes	15	0
	Juice - vegetable juice - unpasteurised - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	95	0	detection	Listeria monocytogenes	95	0
	Juice - vegetable juice - unpasteurised - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Millilitre	Only enumeration	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Juice - vegetable juice - unpasteurised - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	Only detection	25	0	detection	Listeria monocytogenes	25	0
	Meat from bovine animals - fresh - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	12	0	detection	Listeria monocytogenes	12	0
	Meat from bovine animals - fresh - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Meat from bovine animals - fresh - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	71	0	detection	Listeria monocytogenes	71	0
	Meat from bovine animals - fresh - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	105	0	<=100	Listeria monocytogenes	105	0
								>100	Listeria monocytogenes	105	0
	Meat from bovine animals - fresh - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	20	0	detection	Listeria monocytogenes	20	0
	Meat from bovine animals - fresh - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Meat from bovine animals - fresh - School or kindergarten - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	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 of units tested	N of units positive
Not Available	Meat from bovine animals - fresh - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	13	0	detection	Listeria monocytogenes	13	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	46	0	detection	Listeria monocytogenes	46	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	6	0	detection	Listeria monocytogenes	6	0
	Meat from bovine animals - meat products - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	55	0	<=100	Listeria monocytogenes	55	0
>100								Listeria monocytogenes	55	0	
	Meat from bovine animals - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
>100								Listeria monocytogenes	10	0	
	Meat from bovine animals - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Only detection	41	5	detection	Listeria monocytogenes - molecular serogroup IIa	41	5
	Meat from bovine animals - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from bovine animals - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Meat from bovine animals - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from bovine animals - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from bovine animals - meat products - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - offal - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	997	2	detection	Listeria monocytogenes - molecular serogroup IIa	997	2
	Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	27	0	detection	Listeria monocytogenes	27	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	270	0	detection	Listeria monocytogenes	270	0
	Meat from broilers (Gallus gallus) - fresh - Wholesale - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - fresh - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	104	0	detection	Listeria monocytogenes	104	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	23	0	detection	Listeria monocytogenes	23	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	180	0	<=100	Listeria monocytogenes	180	0
								>100	Listeria monocytogenes	180	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	Only detection	15	0	detection	Listeria monocytogenes	15	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	90	20	<=100	Listeria monocytogenes	90	20
								>100	Listeria monocytogenes	90	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	Only detection	903	4	detection	Listeria monocytogenes - molecular serogroup IIa	903	4
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Only detection	65	0	detection	Listeria monocytogenes	65	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	N_A	860	0	detection	Listeria monocytogenes	860	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	222	0	detection	Listeria monocytogenes	222	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	55	0	detection	Listeria monocytogenes	55	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	160	0	detection	Listeria monocytogenes	160	0
	Meat from broilers (Gallus gallus) - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	21	0	detection	Listeria monocytogenes	21	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	80	0	detection	Listeria monocytogenes	80	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from broilers (Gallus gallus) - offal - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Meat from broilers (Gallus gallus) - offal - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from broilers (Gallus gallus) - offal - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Only enumeration	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from broilers (Gallus gallus) - offal - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Only detection	5	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - offal - unspecified - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	21	1	detection	Listeria monocytogenes - molecular serogroup IIa	21	1
	Meat from broilers (Gallus gallus) - offal - unspecified - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Meat from farmed game- land mammals - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from farmed game- land mammals - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from farmed game- land mammals - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Meat from farmed game- land mammals - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from horse - fresh - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	Only enumeration	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Only detection	1336	0	detection	Listeria monocytogenes	1,336	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	555	0	detection	Listeria monocytogenes	555	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	N_A	20	6	detection	Listeria monocytogenes - molecular serogroup IIb	20	6
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	246	1	detection	Listeria monocytogenes - molecular serogroup IIa	246	1
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Only enumeration	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 - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Only detection	245	10	detection	Listeria monocytogenes - molecular serogroup IIa	245	10
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	185	0	detection	Listeria monocytogenes	185	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	N_A	340	0	detection	Listeria monocytogenes	340	0
	Meat from other animal species or not specified - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Meat from other animal species or not specified - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	160	0	detection	Listeria monocytogenes	160	0
	Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	320	0	detection	Listeria monocytogenes	320	0
	Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	10	Gram	N_A	305	0	detection	Listeria monocytogenes	305	0
	Meat from other animal species or not specified - meat products - unspecified, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	170	0	detection	Listeria monocytogenes	170	0
	Meat from other poultry species - fresh - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - fresh - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	170	0	detection	Listeria monocytogenes	170	0
	Meat from pig - fresh - Processing plant - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - fresh - Processing plant - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	Only detection	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - fresh - Processing plant - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	N_A	10	7	detection	Listeria monocytogenes - molecular serogroup IIa	10	3
									Listeria monocytogenes - molecular serogroup IVb	10	4
	Meat from pig - fresh - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	10	Gram	Only enumeration	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from pig - fresh - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	Only detection	135	0	detection	Listeria monocytogenes	135	0
	Meat from pig - fresh - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from pig - fresh - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - fresh - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	59	0	detection	Listeria monocytogenes	59	0
	Meat from pig - fresh - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - fresh - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fe d)	25	Gram	N_A	250	0	detection	Listeria monocytogenes	250	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	312	2	detection	Listeria monocytogenes - molecular serogroup IIa	312	2
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	60	0	detection	Listeria monocytogenes	60	0
	Meat from pig - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	110	0	<=100	Listeria monocytogenes	110	0
>100								Listeria monocytogenes	110	0	
	Meat from pig - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	Only detection	125	0	detection	Listeria monocytogenes	125	0
	Meat from pig - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N_A	75	0	detection	Listeria monocytogenes	75	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	480	0	detection	Listeria monocytogenes	480	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	25	0	<=100	Listeria monocytogenes	25	0
>100								Listeria monocytogenes	25	0	
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	Only detection	3100	11	detection	Listeria monocytogenes - molecular serogroup IIc	3,100	11
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Suspect sampling	single (food/feeding)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
>100								Listeria monocytogenes	10	0	
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Only detection	460	0	detection	Listeria monocytogenes	460	0
	Meat from pig - meat products - cooked, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	40	0	detection	Listeria monocytogenes	40	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	N_A	460	0	detection	Listeria monocytogenes	460	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	605	0	<=100	Listeria monocytogenes	605	0
>100								Listeria monocytogenes	605	0	
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeding)	25	Gram	Only detection	1782	1	detection	Listeria monocytogenes - molecular serogroup IIa	1,782	1
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Only detection	710	29	detection	Listeria monocytogenes - molecular serogroup IIa	710	17
									Listeria monocytogenes - molecular serogroup IIc	710	5
									Listeria monocytogenes - molecular serogroup IVb	710	7

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	245	0	detection	Listeria monocytogenes	245	0
	Meat from pig - meat products - cooked, ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	150	0	detection	Listeria monocytogenes	150	0
	Meat from pig - meat products - raw and intended to be eaten raw - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat from pig - meat products - raw and intended to be eaten raw - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Meat from pig - meat products - raw and intended to be eaten raw - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Meat from pig - meat products - raw and intended to be eaten raw - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	120	0	detection	Listeria monocytogenes	120	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	627	4	detection	Listeria monocytogenes - molecular serogroup IIc	627	1
									Listeria monocytogenes - molecular serogroup IVb	627	3
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	60	0	detection	Listeria monocytogenes	60	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	128	8	detection	Listeria monocytogenes - molecular serogroup IIa	128	3
									Listeria monocytogenes - molecular serogroup IIc	128	5
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	195	0	detection	Listeria monocytogenes	195	0
	Meat from pig - meat products - raw and intended to be eaten raw - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	150	0	detection	Listeria monocytogenes	150	0
	Meat from pig - minced meat - intended to be eaten cooked - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	2	2	detection	Listeria monocytogenes - molecular serogroup IIa	2	2
	Meat from pig - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - minced meat - intended to be eaten cooked - Household - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	68	0	detection	Listeria monocytogenes	68	0
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	37	0	detection	Listeria monocytogenes	37	0
	Meat from pig - offal - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	14	0	detection	Listeria monocytogenes	14	0
	Meat from sheep - fresh - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from turkey - fresh - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	210	0	detection	Listeria monocytogenes	210	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	90	0	detection	Listeria monocytogenes	90	0
	Meat from turkey - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Meat from turkey - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	88	0	detection	Listeria monocytogenes	88	0
	Meat from turkey - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	1	detection	Listeria monocytogenes - molecular serogroup IIa	15	1
	Meat from turkey - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	21	0	detection	Listeria monocytogenes	21	0
	Meat from turkey - meat products - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	41	0	detection	Listeria monocytogenes	41	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	11	0	detection	Listeria monocytogenes	11	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	19	0	detection	Listeria monocytogenes	19	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	7	0	detection	Listeria monocytogenes	7	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	60	0	detection	Listeria monocytogenes	60	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Household - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	414	0	detection	Listeria monocytogenes	414	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	184	4	detection	Listeria monocytogenes - molecular serogroup IIa	184	4

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat, mixed meat - meat products - raw and intended to be eaten raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	31	0	detection	Listeria monocytogenes	31	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	75	0	detection	Listeria monocytogenes	75	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	65	0	detection	Listeria monocytogenes	65	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	95	0	detection	Listeria monocytogenes	95	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	7	5	detection	Listeria monocytogenes - molecular serogroup IIa	7	5
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	35	0	detection	Listeria monocytogenes	35	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - pâté - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - pâté - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	65	0	detection	Listeria monocytogenes	65	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	52	0	detection	Listeria monocytogenes	52	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - minced meat - intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	274	0	detection	Listeria monocytogenes	274	0
	Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Suspect sampling	single (food/fee d)	25	Millilitre	N_A	15	0	detection	Listeria monocytogenes	15	0
	Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	N_A	70	0	detection	Listeria monocytogenes	70	0
	Milk, cows' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	81	0	detection	Listeria monocytogenes	81	0
	Milk, cows' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	N_A	25	0	detection	Listeria monocytogenes	25	0
	Milk, cows' - pasteurised milk - Wholesale - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	115	0	detection	Listeria monocytogenes	115	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Milk, cows' - pasteurised milk - Wholesale - Romania - food sample - milk - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Millilitre	N_A	5	0	detection	Listeria monocytogenes	5	0
	Milk, cows' - raw milk for manufacture - Processing plant - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Millilitre	N_A	11	0	detection	Listeria monocytogenes	11	0
	Milk, goats' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Millilitre	N_A	5	0	detection	Listeria monocytogenes	5	0
	Milk, goats' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Millilitre	N_A	10	0	detection	Listeria monocytogenes	10	0
	Milk, goats' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Millilitre	N_A	5	0	detection	Listeria monocytogenes	5	0
	Milk, goats' - pasteurised milk - Wholesale - Romania - food sample - milk - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Millilitre	N_A	15	0	detection	Listeria monocytogenes	15	0
	Molluscan shellfish - raw - chilled - Processing plant - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	16	0	detection	Listeria monocytogenes	16	0
	Molluscan shellfish - raw - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - raw - chilled - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	Only enumeration	828	170	<=100	Listeria monocytogenes	828	170
>100								Listeria monocytogenes	828	0	
	Other processed food products and prepared dishes - meat based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	Only detection	4979	7	detection	Listeria monocytogenes - molecular serogroup IIa	4,979	5
									Listeria monocytogenes - molecular serogroup IVb	4,979	2
	Other processed food products and prepared dishes - meat based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Suspect sampling	single (food/feed d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Only enumeration	1600	510	<=100	Listeria monocytogenes	1,600	510
								>100	Listeria monocytogenes	1,600	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Only detection	7545	9	detection	Listeria monocytogenes - molecular serogroup IIa	7,545	7
									Listeria monocytogenes - molecular serogroup IIc	7,545	2
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	181	0	detection	Listeria monocytogenes	181	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	Only enumeration	610	0	<=100	Listeria monocytogenes	610	0
								>100	Listeria monocytogenes	610	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	Only detection	1500	0	detection	Listeria monocytogenes	1,500	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Only detection	380	0	detection	Listeria monocytogenes	380	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	410	0	<=100	Listeria monocytogenes	410	0
								>100	Listeria monocytogenes	410	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	3998	4	detection	Listeria monocytogenes - molecular serogroup IIa	3,998	4
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Suspect sampling	single (food/fee d)	25	Gram	N_A	60	0	detection	Listeria monocytogenes	60	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	435	0	detection	Listeria monocytogenes	435	0
	Other processed food products and prepared dishes - meat based dishes - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	5020	0	<=100	Listeria monocytogenes	5,020	0
								>100	Listeria monocytogenes	5,020	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	210	5	<=100	Listeria monocytogenes	210	5
								>100	Listeria monocytogenes	210	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	8589	1	detection	Listeria monocytogenes - molecular serogroup IIa	8,589	1
	Other processed food products and prepared dishes - meat based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	300	160	<=100	Listeria monocytogenes	300	160
								>100	Listeria monocytogenes	300	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	430	0	detection	Listeria monocytogenes	430	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	450	0	detection	Listeria monocytogenes	450	0
	Other processed food products and prepared dishes - meat based dishes - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - meat based dishes - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	30	0	detection	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - meat based dishes - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	90	50	<=100	Listeria monocytogenes	90	50
								>100	Listeria monocytogenes	90	0
	Other processed food products and prepared dishes - unspecified - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	862	12	detection	Listeria monocytogenes - molecular serogroup IIa	862	12
	Other processed food products and prepared dishes - unspecified - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	175	0	<=100	Listeria monocytogenes	175	0
								>100	Listeria monocytogenes	175	0
	Other processed food products and prepared dishes - unspecified - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	545	0	detection	Listeria monocytogenes	545	0
	Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	167	0	detection	Listeria monocytogenes	167	0
	Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	50	0	detection	Listeria monocytogenes	50	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	216	0	detection	Listeria monocytogenes	216	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	56	0	detection	Listeria monocytogenes	56	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	38	0	detection	Listeria monocytogenes	38	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	25	0	detection	Listeria monocytogenes	25	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	252	2	detection	Listeria monocytogenes - molecular serogroup IIa	252	2
	Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	165	0	detection	Listeria monocytogenes	165	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	40	0	detection	Listeria monocytogenes	40	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Household - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Packing centre - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	1246	0	detection	Listeria monocytogenes	1,246	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 - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	68	0	detection	Listeria monocytogenes	68	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 - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	115	0	<=100	Listeria monocytogenes	115	0
								>100	Listeria monocytogenes	115	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	213	0	detection	Listeria monocytogenes	213	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	91	0	detection	Listeria monocytogenes	91	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	27	0	detection	Listeria monocytogenes	27	0
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	80	0	<=100	Listeria monocytogenes	80	0
								>100	Listeria monocytogenes	80	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	2513	1	detection	Listeria monocytogenes - molecular serogroup IIa	2,513	1
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	512	0	<=100	Listeria monocytogenes	512	0
								>100	Listeria monocytogenes	512	0
	Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	547	0	detection	Listeria monocytogenes	547	0
	Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	340	0	<=100	Listeria monocytogenes	340	0
								>100	Listeria monocytogenes	340	0
	Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	242	0	detection	Listeria monocytogenes	242	0
	Other processed food products and prepared dishes - unspecified - School or kindergarten - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	271	0	detection	Listeria monocytogenes	271	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	80	0	detection	Listeria monocytogenes	80	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	1244	0	detection	Listeria monocytogenes	1,244	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Suspect sampling	single (food/fee d)	25	Gram	N_A	20	0	detection	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	680	0	detection	Listeria monocytogenes	680	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	44	0	detection	Listeria monocytogenes	44	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	215	0	<=100	Listeria monocytogenes	215	0
								>100	Listeria monocytogenes	215	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	686	0	detection	Listeria monocytogenes	686	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	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 - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	620	0	detection	Listeria monocytogenes	620	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	2755	0	detection	Listeria monocytogenes	2,755	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Only detection	1030	0	detection	Listeria monocytogenes	1,030	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Only enumeration	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Only detection	130	0	detection	Listeria monocytogenes	130	0
	Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	185	0	detection	Listeria monocytogenes	185	0
	Other processed food products and prepared dishes - vegetable based dishes - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	65	0	detection	Listeria monocytogenes	65	0
	Sauce and dressings - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	105	0	detection	Listeria monocytogenes	105	0
	Sauce and dressings - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	63	0	detection	Listeria monocytogenes	63	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	45	0	detection	Listeria monocytogenes	45	0
	Sauce and dressings - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	65	0	detection	Listeria monocytogenes	65	0
	Sauce and dressings - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	65	0	detection	Listeria monocytogenes	65	0
	Sauce and dressings - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	N_A	10	0	detection	Listeria monocytogenes	10	0
	Seeds, sprouted - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	30	0	detection	Listeria monocytogenes	30	0
	Seeds, sprouted - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Seeds, sprouted - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	90	0	detection	Listeria monocytogenes	90	0
	Snails - cooked - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Snails - cooked - Processing plant - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Snails - cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	24	0	detection	Listeria monocytogenes	24	0
	Spices and herbs - dried - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	127	0	detection	Listeria monocytogenes	127	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Spices and herbs - dried - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	40	0	detection	Listeria monocytogenes	40	0
	Vegetables - products - canned - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - products - canned - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	59	0	detection	Listeria monocytogenes	59	0
	Vegetables - products - canned - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	200	0	detection	Listeria monocytogenes	200	0
	Vegetables - products - canned - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	86	0	detection	Listeria monocytogenes	86	0

Table Listeria: LISTERIA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Silage - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	Detection method presence in x g	100	0	Listeria monocytogenes	0
	Silage - Wholesale - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	Detection method presence in x g	1	0	Listeria monocytogenes	0

Table Lyssavirus:LYSSAVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Badgers - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	7	0	Lyssavirus	0
	Bats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Bears - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	20	0	Lyssavirus	0
	Cats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	63	0	Lyssavirus	0
	Cattle (bovine animals) - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	61	4	Lyssavirus (unspecified virus)	4
	Deer - wild - red deer - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Deer - wild - roe deer - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	4	0	Lyssavirus	0
	Dogs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	159	0	Lyssavirus	0
	Ferrets - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	4	0	Lyssavirus	0
	Foxes - Hunting - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	N.A	Not Available	animal	2318	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2574	1	Lyssavirus (unspecified virus)	1
	Goats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	16	0	Lyssavirus	0
	Hedgehogs - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Jackals - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	135	0	Lyssavirus	0
	Pigs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	3	0	Lyssavirus	0
Sheep - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	79	0	Lyssavirus	0	
Solipeds, domestic - horses - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0	
Wolves - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0	
Bihor	Badgers - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Cats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Cattle (bovine animals) - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	3	0	Lyssavirus	0
	Dogs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	9	0	Lyssavirus	0
	Foxes - Hunting - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	N.A	Not Available	animal	102	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	59	0	Lyssavirus	0
Bistrița-Năsăud	Bears - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Cattle (bovine animals) - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0
	Dogs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	4	0	Lyssavirus	0
	Foxes - Hunting - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	N.A	Not Available	animal	108	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	28	0	Lyssavirus	0
Cluj	Bears - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0
	Cats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	7	0	Lyssavirus	0
	Dogs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0
	Foxes - Hunting - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	N.A	Not Available	animal	123	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	36	0	Lyssavirus	0
	Sheep - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	4	0	Lyssavirus	0
Maramureș	Bears - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Vâlcea	Foxes - Hunting - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	N.A	Not Available	animal	80	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	28	0	Lyssavirus	0
	Jackals - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0
Arad	Cats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	3	0	Lyssavirus	0
	Dogs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - Hunting - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	N.A	Not Available	animal	55	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	30	0	Lyssavirus	0
	Jackals - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	3	0	Lyssavirus	0
Caraş-Severin	Cats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Cattle (bovine animals) - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - Hunting - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	N.A	Not Available	animal	106	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	37	0	Lyssavirus	0
Hunedoara	Bears - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Cats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	4	0	Lyssavirus	0
	Cattle (bovine animals) - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	10	0	Lyssavirus	0
	Deer - wild - red deer - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Deer - wild - roe deer - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0
	Dogs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	6	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	176	0	Lyssavirus	0
	Goats - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0
	Hedgehogs - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Sheep - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	20	0	Lyssavirus	0
Timiș	Wolves - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	2	0	Lyssavirus	0
	Dogs - Unspecified - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	191	0	Lyssavirus	0
Timiș	Jackals - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	N.A	Not Available	animal	21	0	Lyssavirus	0

Table Salmonella:SALMONELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Not Available - environmental sample - boot swabs and dust - Control and eradication programmes - Industry sampling - Census	herd/flock	462	N	N_A	Not Available	457	7	Salmonella Montevideo	1
									Salmonella Orion	1
									Salmonella Senftenberg	5
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Not Available - environmental sample - boot swabs and dust - Control and eradication programmes - Official and industry sampling - Census	herd/flock	462	Y	N_A	Not Available	457	7	Salmonella Montevideo	1
									Salmonella Orion	1
									Salmonella Senftenberg	5
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock	13520	N	N_A	Not Available	13165	308	Salmonella Agona	7
									Salmonella Bredeney	1
									Salmonella Cubana	3
									Salmonella Enteritidis	24
									Salmonella Glostrup	3
									Salmonella Hadar	4
									Salmonella Infantis	134
									Salmonella Kedougou	18
									Salmonella Kentucky	28
									Salmonella Kottbus	2
									Salmonella Liverpool	10
									Salmonella Livingstone	21
									Salmonella Mbandaka	21
									Salmonella Montevideo	8
									Salmonella Newport	15
									Salmonella Ohio	1
									Salmonella Orion	1
									Salmonella Senftenberg	1
									Salmonella Tennessee	5
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	13520	Y	N_A	Not Available	13520	338	Salmonella Agona	8
									Salmonella Bredeney	1
									Salmonella Cubana	3
									Salmonella Enteritidis	24
									Salmonella Glostrup	3
									Salmonella Hadar	5
									Salmonella Infantis	155
									Salmonella Kedougou	18
									Salmonella Kentucky	31
									Salmonella Kottbus	2
									Salmonella Liverpool	10
									Salmonella Livingstone	21
									Salmonella Mbandaka	21
									Salmonella Montevideo	8
									Salmonella Newport	15
									Salmonella Ohio	1
									Salmonella Orion	3
									Salmonella Senftenberg	1
									Salmonella Taksony	1
									Salmonella Tennessee	5
Salmonella Typhimurium	2									
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock	13520	N	N_A	Not Available	355	30	Salmonella Agona	1
									Salmonella Hadar	1
									Salmonella Infantis	21
									Salmonella Kentucky	3

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive							
Not Available	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock	13520	N	N_A	Not Available	355	30	Salmonella Orion	2							
									Salmonella Taksony	1							
									Salmonella Typhimurium	1							
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - environmental sample - boot swabs and dust - Control and eradication programmes - Industry sampling - Census	herd/flock	873	N	N_A	Not Available	873	28	Salmonella Enteritidis	3							
									Salmonella Glostrup	1							
									Salmonella Hadar	5							
									Salmonella Infantis	6							
									Salmonella Livingstone	1							
									Salmonella Mapo	1							
									Salmonella Mbandaka	5							
									Salmonella Senftenberg	2							
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - environmental sample - boot swabs and dust - Control and eradication programmes - Official and industry sampling - Census	herd/flock	873	Y	N_A	Not Available	873	49	Salmonella Braenderup	1							
									Salmonella Corvallis	1							
									Salmonella Cubana	2							
									Salmonella Enteritidis	6							
Salmonella Glostrup									4								
Salmonella Hadar									6								
Salmonella Infantis									10								
Salmonella Livingstone									1								
Salmonella Mapo									1								
Salmonella Mbandaka									9								
Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - environmental sample - boot swabs and dust - Control and eradication programmes - Official sampling - Census	herd/flock	873	N	N_A	Not Available	798	21	Salmonella Braenderup	1								
								Salmonella Corvallis	1								
								Salmonella Cubana	2								
								Salmonella Enteritidis	3								
								Salmonella Glostrup	3								
								Salmonella Hadar	1								
								Salmonella Infantis	4								
								Salmonella Mbandaka	4								
Salmonella Montevideo	1																
Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock	274	N	N_A	Not Available	246	1	Salmonella Infantis	1								
								Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	274	Y	N_A	Not Available	274	1	Salmonella Infantis	1
																Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock
ROMANIA	Badgers - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0							
	Birds - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	Goose	Detection method of microorganisms	1	0	Salmonella	0							
	Birds - zoo animal - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0							
	Canary - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0							

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Cats - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Cats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	11	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Unspecified - Industry sampling - Objective sampling	animal		N_A	mastitis milk (we rejected the data set from DCF and replace it with a new one with insert the comment for sample type "milk")	Detection method of microorganisms	9	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	13	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	11	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	9	0	Salmonella	0
	Chinchillas - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	10	1	Salmonella Enteritidis	1
	Dogs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Dogs - Backyard - Not Available - animal sample - vaginal swab - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	20	0	Salmonella	0
	Ducks - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Ducks - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	96	6	Salmonella Gallinarum biovar Gallinarum	4
									Salmonella Gallinarum biovar Pullorum	2
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	1	Salmonella Ohio	1
	Gallus gallus (fowl) - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	165	7	Salmonella Hadar	3
									Salmonella Livingstone	2
									Salmonella Senftenberg	2
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	178	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1299	5	Salmonella Livingstone	5
	Gallus gallus (fowl) - Farm - Not Available - animal sample - rectum-anal swab - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	29	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3941	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	8	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - milk - Unspecified - Industry sampling - Objective sampling	animal		N_A	mastitis milk (we rejected the data set from DCF and replace it with a new one with insert the comment for sample type "milk")	Detection method of microorganisms	2	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	14	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Goats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Goats - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Guinea fowl - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Guinea fowl - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	1	Salmonella Gallinarum biovar Gallinarum	1
	Ostriches - Backyard - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Ostriches - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Ostriches - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Other animals - unspecified - Unspecified - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	56	0	Salmonella	0
	Other ruminants - wild - Natural habitat - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Peafowl - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pheasants - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Pigeons - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigeons - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Pigeons - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Pigeons - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Pigeons - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	20	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Pigeons - wild - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	1	Salmonella Typhimurium	1
	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	154	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	57	1	Salmonella Typhimurium	1
	Pigs - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	57	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	16	1	Salmonella Typhimurium	1
	Pigs - Farm - Not Available - animal sample - vaginal swab - Unspecified - Industry sampling - Objective sampling	animal		N_A	seminal material	Detection method of microorganisms	28	0	Salmonella	0
	Rabbits - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Rabbits - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	64	15	Salmonella Abortusovis	15
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	6	1	Salmonella Abortusovis	1
	Sheep - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	28	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	24	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Sheep - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	14	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Solipeds, domestic - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Solipeds, domestic - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Solipeds, domestic - Farm - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Solipeds, domestic - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Swans - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Turkeys - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Turkeys - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	1	Salmonella Enteritidis	1
	Turkeys - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	1	Salmonella Hadar	1
	Turkeys - Farm - Not Available - animal sample - intestinal content - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	81	0	Salmonella	0
	Turkeys - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	6	0	Salmonella	0
	Wild boars - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Wild cat (Felis silvestris) - Natural habitat - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0	
Bihor	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	209	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Bistrița-Năsăud	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Unspecified - Industry sampling - Objective sampling	animal		N_A	mastitis milk (we rejected the data set from DCF and replace it with a new one with inserting the comment for sample type "milk")	Detection method of microorganisms	3	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	8	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - rectum-anal swab - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	10	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	14	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	8	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	6	0	Salmonella	0
Cluj	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	9	0	Salmonella	0
Maramureș	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	20	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	9	6	Salmonella Abortusovis	6
	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Satu Mare	Cattle (bovine animals) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Satu Mare	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	47	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	32	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	109	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - vaginal swab - Unspecified - Industry sampling - Objective sampling	animal		N_A	seminal material	Detection method of microorganisms	28	0	Salmonella	0
	Rabbits - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	1	Salmonella Abortusovis	1
	Sheep - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	11	0	Salmonella	0
Sălaj	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Alba	Cattle (bovine animals) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	37	0	Salmonella	0
	Pigeons - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigeons - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	8	2	Salmonella Abortusovis	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Alba	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
Braşov	Dogs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	131	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Turkeys - Farm - Not Available - animal sample - intestinal content - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	81	0	Salmonella	0
Mureş	Cattle (bovine animals) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	32	2	Salmonella Livingstone Salmonella Senftenberg	1 1
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	44	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Goats - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Ostriches - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Mureş	Rabbits - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Turkeys - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	1	Salmonella Hadar	1
	Turkeys - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Bacău	Cats - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	1	Salmonella Enteritidis	1
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Ostriches - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0	
Botoşani	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Botoșani	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Turkeys - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	1	Salmonella Enteritidis	1
Iași	Badgers - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Birds - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	Goose	Detection method of microorganisms	1	0	Salmonella	0
	Cats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	7	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Chinchillas - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Dogs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	20	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	181	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	6	0	Salmonella	0
	Guinea fowl - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	21	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	7	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Iași	Rabbits - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	9	0	Salmonella	0
	Solipeds, domestic - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Wild boars - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Neamț	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Unspecified - Industry sampling - Objective sampling	animal		N_A	mastitis milk (we rejected the data set from DCF and replace it with a new one with insert the comment for sample type "milk")	Detection method of microorganisms	3	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	7	0	Salmonella	0
Suceava	Cats - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	17	0	Salmonella	0
Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Suceava	Ostriches - Backyard - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Peafowl - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigeons - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	14	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	12	0	Salmonella	0
Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	9	2	Salmonella Abortusovis	2	
Vaslui	Dogs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Brăila	Cats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	102	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	30	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0	
Buzău	Ducks - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	16	2	Salmonella Gallinarum biovar Gallinarum	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Buzău	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3668	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Guinea fowl - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	1	Salmonella Gallinarum biovar Gallinarum	1
	Pigeons - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Rabbits - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Solipeds, domestic - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Solipeds, domestic - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Galati	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Tulcea	Birds - zoo animal - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	12	0	Salmonella	0
	Ducks - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	22	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Tulcea	Pigeons - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	20	0	Salmonella	0
	Pigeons - wild - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	12	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Swans - Natural habitat - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
Vrancea	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	44	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Călărași	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Surveillance - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	47	0	Salmonella	0
	Solipeds, domestic - Farm - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Dâmbovița	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Unspecified - Industry sampling - Objective sampling	animal		N_A	mastitis milk (we rejected the data set from DCF and replace it with a new one with insert the comment for sample type "milk")	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	573	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Dâmbovița	Other ruminants - wild - Natural habitat - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	1	Salmonella Typhimurium	1
	Pigs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
Giurgiu	Cattle (bovine animals) - Backyard - Not Available - animal sample - milk - Unspecified - Industry sampling - Objective sampling	animal		N_A	masilitis milk (we rejected the data set from DCF and replace it with a new one with insert the comment for sample type "milk")	Detection method of microorganisms	2	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	12	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	41	5	Salmonella Livingstone	5
Ialomița	Cats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	150	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - milk - Unspecified - Industry sampling - Objective sampling	animal		N_A	masilitis milk (we rejected the data set from DCF and replace it with a new one with insert the comment for sample type "milk")	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Prahova	Cattle (bovine animals) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - vaginal swab - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	1	Salmonella Ohio	1
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	6	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Prahova	Pheasants - Farm - Not Available - animal sample - intestinal content - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Pigeons - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	1	Salmonella Abortusovis	1
Teleorman	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
București	Canary - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Cats - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	9	0	Salmonella	0
	Other animals - unspecified - Unspecified - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	56	0	Salmonella	0
Ilfov	Cattle (bovine animals) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Dogs - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Pigeons - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Ifov	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Soiipeds, domestic - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Doj	Cattle (bovine animals) - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Gallus gallus (fowl) - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	31	2	Salmonella Gallinarum biovar Gallinarum	2
	Gallus gallus (fowl) - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	89	3	Salmonella Gallinarum biovar Pullorum	1
	Gallus gallus (fowl) - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	89	3	Salmonella Hadar	3
	Goats - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	4	0	Salmonella	0
	Pigs - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
Olt	Turkeys - Backyard - Not Available - animal sample - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	3	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - rectum-anal swab - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	19	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	22	0	Salmonella	0
	Pigs - Farm - Not Available - animal sample - faeces - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	57	1	Salmonella Typhimurium	1
	Pigs - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	9	1	Salmonella Typhimurium	1
	Turkeys - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
	Turkeys - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	0	Salmonella	0
Vâlcea	Gallus gallus (fowl) - Farm - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	8	0	Salmonella	0
	Goats - Backyard - Not Available - animal sample - foetus/stillbirth - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Vâlcea	Pigeons - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
	Wild cat (Felis silvestris) - Natural habitat - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Hunedoara	Cattle (bovine animals) - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	2	0	Salmonella	0
	Sheep - Backyard - Not Available - animal sample - Unspecified - Industry sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	1	0	Salmonella	0
Timiș	Sheep - Backyard - Not Available - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		N_A	N_A	Detection method of microorganisms	5	4	Salmonella Abortusovis	4

Table Salmonella:SALMONELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bakery products - cakes - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Bakery products - desserts - containing raw eggs - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Bakery products - desserts - containing raw eggs - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Bakery products - desserts - containing raw eggs - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	34	0	Salmonella	0
	Bakery products - desserts - containing raw eggs - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - desserts - containing raw eggs - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	59	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	41	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Catering - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	374	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	170	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	92	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	290	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	85	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	170	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	120	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	418	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	565	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	140	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	123	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	51	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	516	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	923	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	360	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	64	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	76	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	112	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	18	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	202	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	81	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	110	5	Salmonella Infantis	5
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	28	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	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 - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	99	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	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 of units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	241	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	86	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Crustaceans - unspecified - cooked - Border Control Posts - Non European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Crustaceans - unspecified - cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - unspecified - cooked - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Crustaceans - unspecified - raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Crustaceans - unspecified - raw - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	116	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	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 of units positive
Not Available	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	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 - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	37	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	91	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	105	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Border Control Posts - Non European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	511	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	200	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	475	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	189	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	36	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Egg products - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	132	0	Salmonella	0
	Egg products - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Egg products - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Egg products - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Egg products - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Eggs - quail eggs - Farm - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Eggs - quail eggs - Farm - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Eggs - quail eggs - Packing centre - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	63	0	Salmonella	0
	Eggs - quail eggs - Packing centre - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - quail eggs - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	17	0	Salmonella	0
	Eggs - quail eggs - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	2	1	Salmonella Abaetetuba	1
	Eggs - table eggs - Farm - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	201	1	Salmonella Abaetetuba	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Eggs - table eggs - Farm - Romania - food sample - Surveillance - HACCP and own check - Suspect sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	24	5	Salmonella Enteritidis	5
	Eggs - table eggs - Farm - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Eggs - table eggs - Packing centre - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1053	2	Salmonella Enteritidis	2
	Eggs - table eggs - Packing centre - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	132	0	Salmonella	0
	Eggs - table eggs - Packing centre - Romania - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Eggs - table eggs - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	57	0	Salmonella	0
	Eggs - table eggs - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Eggs - table eggs - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Eggs - table eggs - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	336	0	Salmonella	0
	Eggs - table eggs - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	193	0	Salmonella	0
	Eggs - table eggs - shell - Farm - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	212	0	Salmonella	0
	Eggs - table eggs - shell - Farm - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	67	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	528	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Eggs - table eggs - shell - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Eggs - table eggs - shell - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Eggs - table eggs - shell - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Eggs - table eggs - shell - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	85	0	Salmonella	0
	Eggs - table eggs - shell - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	203	0	Salmonella	0
	Eggs - table eggs - shell - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Eggs - table eggs - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	143	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Eggs - table eggs - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Eggs - table eggs - yolk - Farm - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	231	0	Salmonella	0
	Eggs - table eggs - yolk - Farm - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Eggs - table eggs - yolk - Packing centre - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	534	1	Salmonella Bredeney	1
	Eggs - table eggs - yolk - Packing centre - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	86	0	Salmonella	0
	Eggs - table eggs - yolk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Eggs - table eggs - yolk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Eggs - table eggs - yolk - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	37	0	Salmonella	0
	Eggs - table eggs - yolk - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Eggs - table eggs - yolk - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	203	0	Salmonella	0
	Eggs - table eggs - yolk - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	37	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Non European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Retail - Non European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	773	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	66	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	131	2	Salmonella Typhimurium	2
	Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	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 of units positive
Not Available	Fishery products, unspecified - ready-to-eat - Retail - Non European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	149	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Fruits - non-pre-cut - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Fruits - non-pre-cut - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fruits - non-pre-cut - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	85	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	88	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fruits - products - dried - Catering - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fruits - products - dried - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	27	0	Salmonella	0
	Fruits - products - dried - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	135	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Juice - fruit juice - unpasteurised - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	140	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	224	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	453	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	145	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	2194	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/fee d)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	1471	0	Salmonella	0
	Meat from bovine animals - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	819	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	509	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Suspect sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from bovine animals - fresh - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Non European Union - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - European Union - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	411	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	328	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	260	1	Salmonella Derby	1
	Meat from bovine animals - fresh - Wholesale - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	319	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	15	2	Salmonella Infantis	2
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	156	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	750	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	160	5	Salmonella Derby	5
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N.A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	45	1	Salmonella Typhimurium	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	79	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	115	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from bovine animals - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	77	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	299	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	611	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	680	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	150	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten raw - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - offal - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Romania - food sample - neck skin - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1891	9	Salmonella Infantis	9
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Romania - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	800	59	Salmonella Enteritidis	10
									Salmonella Infantis	49
	Meat from broilers (Gallus gallus) - fresh - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Cutting plant - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	2	Salmonella Infantis	2
	Meat from broilers (Gallus gallus) - fresh - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	911	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - fresh - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	6	Salmonella Enteritidis	1
									Salmonella Infantis	2
									Salmonella Newport	3
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	185	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	120	5	Salmonella Infantis	5
	Meat from broilers (Gallus gallus) - fresh - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	270	22	Salmonella Enteritidis	3
									Salmonella Infantis	12
									Salmonella Newport	7
	Meat from broilers (Gallus gallus) - fresh - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	942	49	Salmonella Infantis	49
	Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1265	9	Salmonella Infantis	9
	Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	984	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	251	5	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 of units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	43	7	Salmonella Infantis	4
									Salmonella Newport	3
	Meat from broilers (Gallus gallus) - fresh - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	160	5	Salmonella Enteritidis	1
									Salmonella Infantis	4
	Meat from broilers (Gallus gallus) - fresh - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	65	1	Salmonella Enteritidis	1
	Meat from broilers (Gallus gallus) - fresh - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	165	46	Salmonella Infantis	46
	Meat from broilers (Gallus gallus) - fresh - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	265	5	Salmonella Enteritidis	3
									Salmonella Infantis	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Catering - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	4	Salmonella Infantis	4
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1350	3	Salmonella Infantis	3
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	3	Salmonella Infantis	3
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	208	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	170	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	40	1	Salmonella Rissen	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Catering - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	305	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	241	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	105	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	181	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	81	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	1075	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	230	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	2	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	112	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	375	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	193	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	160	3	Salmonella Infantis	3
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	75	5	Salmonella Infantis	5
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten raw - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from duck - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from duck - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from duck - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Meat from duck - Retail - Romania - food sample - meat - 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
	Meat from duck - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	3	Salmonella Hadar	3
	Meat from duck - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from duck - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from goat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from horse - carcass - Slaughterhouse - Romania - food sample - carcass swabs - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	186	0	Salmonella	0
	Meat from horse - carcass - Slaughterhouse - Romania - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	145	0	Salmonella	0
	Meat from horse - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Meat from horse - offal - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from horse - offal - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from other animal species or not specified - meat products - pâté - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Meat from pig - carcass - Slaughterhouse - Romania - food sample - carcass swabs - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	2881	0	Salmonella	0
	Meat from pig - carcass - Slaughterhouse - Romania - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	2540	0	Salmonella	0
	Meat from pig - fresh - Catering - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1632	0	Salmonella	0
	Meat from pig - fresh - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	890	0	Salmonella	0
	Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from pig - fresh - Retail - European Union - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1043	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1488	30	Salmonella Brandenburg	2
									Salmonella Derby	5
									Salmonella London	1
									Salmonella Rissen	20
									Salmonella Typhimurium	2
	Meat from pig - fresh - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from pig - fresh - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	409	0	Salmonella	0
	Meat from pig - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from pig - fresh - Wholesale - European Union - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - fresh - Wholesale - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	550	1	Salmonella Typhimurium	1
	Meat from pig - fresh - Wholesale - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	84	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	170	0	Salmonella	0
Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	1823	0	Salmonella	0	
Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	135	3	Salmonella Derby	3	
Meat from pig - meat preparation - intended to be eaten cooked - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	1132	0	Salmonella	0	
Meat from pig - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	3181	0	Salmonella	0	
Meat from pig - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	895	0	Salmonella	0	
Meat from pig - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	110	0	Salmonella	0	
Meat from pig - meat preparation - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat preparation - intended to be eaten raw - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	300	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten raw - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten raw - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten raw - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	200	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	545	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	102	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	5	Salmonella Typhimurium	5
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2861	6	Salmonella Derby Salmonella Typhimurium	3 3
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	3	Salmonella Typhimurium	3
	Meat from pig - meat products - raw but intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1054	1	Salmonella Typhimurium	1
	Meat from pig - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	140	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	275	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1992	1	Salmonella Derby	1
	Meat from pig - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	130	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	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 of units positive
Not Available	Meat from pig - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	296	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	103	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	3449	1	Salmonella Panama	1
	Meat from pig - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	305	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	3	Salmonella Enteritidis	3
	Meat from pig - minced meat - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	7	4	Salmonella Derby	4
	Meat from pig - minced meat - intended to be eaten cooked - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	545	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	6618	3	Salmonella Derby	2
									Salmonella Typhimurium	1
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	1710	16	Salmonella Bovismorbificans	1
									Salmonella Derby	5
									Salmonella Infantis	3
									Salmonella Typhimurium	7
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	1	Salmonella Ruzizi	1
	Meat from pig - minced meat - intended to be eaten cooked - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	160	3	Salmonella Derby	3
	Meat from pig - minced meat - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten raw - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	26	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten raw - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - offal - liver - Cutting plant - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - offal - liver - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - offal - liver - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	42	5	Salmonella Derby	5
	Meat from pig - offal - liver - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from pig - offal - liver - Slaughterhouse - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - offal - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Meat from pig - offal - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	27	0	Salmonella	0
	Meat from pig - offal - Slaughterhouse - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from pig - offal - Slaughterhouse - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	26	0	Salmonella	0
	Meat from pig - other slaughtering products - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - other slaughtering products - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	47	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Wholesale - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Wholesale - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - meat products - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from poultry, unspecified - meat products - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from poultry, unspecified - meat products - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from poultry, unspecified - offal - Cutting plant - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	3	Salmonella Enteritidis	3
	Meat from poultry, unspecified - offal - liver - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	31	0	Salmonella	0
	Meat from poultry, unspecified - offal - liver - Cutting plant - Romania - food sample - Surveillance - Official sampling - Selective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - offal - liver - Processing plant - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	1	Salmonella Agona	1
	Meat from poultry, unspecified - offal - liver - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	3	Salmonella Enteritidis	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 of units positive
Not Available	Meat from poultry, unspecified - offal - liver - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	4	Salmonella Infantis	4
	Meat from poultry, unspecified - offal - liver - Wholesale - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	5	Salmonella Newport	5
	Meat from poultry, unspecified - offal - liver - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	30	1	Salmonella Infantis	1
	Meat from poultry, unspecified - offal - liver - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from poultry, unspecified - offal - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from poultry, unspecified - offal - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	8	Salmonella Enteritidis Salmonella Infantis	3 5
	Meat from poultry, unspecified - offal - Retail - Non European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - offal - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Meat from poultry, unspecified - offal - Wholesale - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	1	Salmonella Infantis	1
	Meat from poultry, unspecified - offal - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	75	1	Salmonella Infantis	1
	Meat from poultry, unspecified - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from poultry, unspecified - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from poultry, unspecified - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Meat from poultry, unspecified - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from poultry, unspecified - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Romania - food sample - carcass swabs - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	652	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Romania - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	400	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	464	0	Salmonella	0
	Meat from sheep - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	22	0	Salmonella	0
	Meat from sheep - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	72	0	Salmonella	0
	Meat from sheep - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from sheep - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	426	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from sheep - fresh - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from sheep - fresh - Wholesale - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from sheep - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Meat from sheep - meat preparation - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	227	0	Salmonella	0
	Meat from sheep - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from sheep - minced meat - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Meat from sheep - minced meat - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	66	0	Salmonella	0
	Meat from sheep - minced meat - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from sheep - minced meat - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from sheep - minced meat - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from turkey - carcass - chilled - Slaughterhouse - Romania - food sample - neck skin - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from turkey - carcass - chilled - Slaughterhouse - Romania - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from turkey - fresh - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	269	0	Salmonella	0
	Meat from turkey - fresh - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	70	2	Salmonella Newport Salmonella Saintpaul	1 1
	Meat from turkey - fresh - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Meat from turkey - fresh - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from turkey - fresh - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from turkey - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from turkey - fresh - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - fresh - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	3	Salmonella Enteritidis	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 of units positive
Not Available	Meat from turkey - fresh - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from turkey - fresh - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	49	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat products - raw but intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	26	0	Salmonella	0
	Meat from turkey - meat products - raw but intended to be eaten cooked - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - meat products - raw but intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from turkey - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from turkey - minced meat - intended to be eaten cooked - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from turkey - minced meat - intended to be eaten cooked - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - minced meat - intended to be eaten cooked - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from wild game - land mammals - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from wild game - land mammals - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	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 of units positive
Not Available	Meat from wild game - land mammals - meat products - Processing plant - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	150	0	Salmonella	0
	Meat from wild game - land mammals - meat products - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from wild game - land mammals - meat products - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	228	0	Salmonella	0
	Meat, mixed meat - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	170	0	Salmonella	0
	Meat, mixed meat - meat preparation - Hospital or medical care facility - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	2290	2	Salmonella Derby Salmonella Infantis	1 1
	Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	190	1	Salmonella Derby	1
	Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - meat preparation - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat, mixed meat - meat preparation - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	495	0	Salmonella	0
	Meat, mixed meat - meat preparation - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	10	3	Salmonella Typhimurium	3
	Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	3474	14	Salmonella Infantis Salmonella Mbandaka Salmonella Typhimurium	1 5 8
	Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	900	28	Salmonella Brandenburg Salmonella Infantis Salmonella Livingstone Salmonella Ruzizi Salmonella Typhimurium	5 1 5 5 12
	Meat, mixed meat - meat preparation - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	433	0	Salmonella	0
	Meat, mixed meat - meat preparation - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/fees d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	53	0	Salmonella	0
	Meat, mixed meat - meat preparation - Wholesale - European Union - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat preparation - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fees d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	470	6	Salmonella Agona Salmonella Rissen	5 1
	Meat, mixed meat - meat preparation - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	70	1	Salmonella London	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat, mixed meat - meat products - raw and intended to be eaten raw - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Cutting plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	400	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	137	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	919	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	275	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	665	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	170	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - meat products - ready-to-eat - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat, mixed meat - meat products - ready-to-eat - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat, mixed meat - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1029	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat, mixed meat - meat products - ready-to-eat - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	380	0	Salmonella	0
	Meat, mixed meat - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	333	0	Salmonella	0
	Meat, mixed meat - meat products - ready-to-eat - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0
	Meat, mixed meat - meat products - ready-to-eat - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	145	0	Salmonella	0
	Meat, mixed meat - meat products - ready-to-eat - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	130	0	Salmonella	0
	Meat, mixed meat - minced meat - Catering - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Meat, mixed meat - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	99	0	Salmonella	0
	Meat, mixed meat - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	Meat, mixed meat - minced meat - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	725	0	Salmonella	0
	Meat, mixed meat - minced meat - Processing plant - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	165	0	Salmonella	0
	Meat, mixed meat - minced meat - Retail - European Union - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	171	0	Salmonella	0
	Meat, mixed meat - minced meat - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	3496	2	Salmonella Typhimurium	2
	Meat, mixed meat - minced meat - Retail - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	536	2	Salmonella Brandenburg	2
	Meat, mixed meat - minced meat - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	103	0	Salmonella	0
	Meat, mixed meat - minced meat - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Meat, mixed meat - minced meat - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	460	2	Salmonella Typhimurium	2
	Meat, mixed meat - minced meat - Wholesale - Romania - food sample - meat - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Milk, cows' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	ISO 6579-1:2017 Salmonella	78	0	Salmonella	0
	Milk, cows' - raw milk - Catering - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Milk, cows' - raw milk - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Milk, cows' - raw milk for manufacture - intended for manufacture of pasteurised/UHT products - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Milk, goats' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Milk, goats' - pasteurised milk - Wholesale - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Milk, goats' - raw milk - intended for direct human consumption - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Millilitre	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Molluscan shellfish - cooked - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Molluscan shellfish - cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	18	0	Salmonella	0
	Molluscan shellfish - cooked - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Molluscan shellfish - raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Molluscan shellfish - raw - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other food - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	46	0	Salmonella	0
	Other food - Catering - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other food - Hospital or medical care facility - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Other food - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2293	0	Salmonella	0
	Other food - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	53	0	Salmonella	0
	Other food - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Other food - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other food - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	846	0	Salmonella	0
	Other food - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	110	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other food - Retail - Romania - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Other food - School or kindergarten - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Other food - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Other food - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	399	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - Cutting plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	38	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Non European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	27	0	Salmonella	0
	Other processed food products and prepared dishes - Hospital or medical care facility - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	22	0	Salmonella	0
	Other processed food products and prepared dishes - Hospital or medical care facility - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	305	0	Salmonella	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	423	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2547	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	110	0	Salmonella	0
	Other processed food products and prepared dishes - School or kindergarten - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	84	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	481	1	Salmonella Typhimurium	1
	Other processed food products and prepared dishes - unspecified - Catering - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	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 of units positive
Not Available	Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	613	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	608	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	4008	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	52	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - School or kindergarten - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	61	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	125	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	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 - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	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 - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other products of animal origin - Processing plant - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	41	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other products of animal origin - Processing plant - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other products of animal origin - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	49	0	Salmonella	0
	Other products of animal origin - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Other products of animal origin - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other products of animal origin - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other products of animal origin - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other products of animal origin - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other products of animal origin - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Seeds, sprouted - non-ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Seeds, sprouted - non-ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0
	Spices and herbs - Processing plant - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Spices and herbs - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	292	0	Salmonella	0
	Spices and herbs - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Spices and herbs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Spices and herbs - Retail - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Spices and herbs - Wholesale - European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Spices and herbs - Wholesale - Non European Union - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feeder)	25	Gram	Samples taken from the warehouse	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 of units positive
Not Available	Spices and herbs - Wholesale - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	315	0	Salmonella	0
	Vegetables - non-pre-cut - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - non-pre-cut - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Vegetables - non-pre-cut - Retail - Non European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Vegetables - non-pre-cut - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - pre-cut - frozen vegetables - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - pre-cut - frozen vegetables - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Catering - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	290	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	93	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	177	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	197	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	626	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Vegetables - products - dried - Wholesale - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0

Table Salmonella:SALMONELLA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Compound feedingstuffs for cattle - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Compound feedingstuffs for cattle - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for cattle - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	36	0	Salmonella	0
	Compound feedingstuffs for cattle - final product - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	53	0	Salmonella	0
	Compound feedingstuffs for cattle - final product - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Compound feedingstuffs for cattle - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	107	0	Salmonella	0
	Compound feedingstuffs for cattle - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Compound feedingstuffs for cattle - process control - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for cattle - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Compound feedingstuffs for fish - Border Control Posts - Non European Union - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	77	4	Salmonella Infantis	4
	Compound feedingstuffs for pigs - final product - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	79	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	112	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	199	0	Salmonella	0
	Compound feedingstuffs for pigs - process control - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Compound feedingstuffs for pigs - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Compound feedingstuffs for pigs - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	56	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - final product - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	149	10	Salmonella Cubana Salmonella Mbandaka	5 5
	Compound feedingstuffs for poultry (non specified) - final product - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	58	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	146	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Compound feedingstuffs for poultry (non specified) - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	155	2	Salmonella Enteritidis	2
	Compound feedingstuffs for poultry (non specified) - process control - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - process control - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Compound feedingstuffs for poultry, breeders - final product - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	22	0	Salmonella	0
	Compound feedingstuffs for poultry, breeders - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Compound feedingstuffs for poultry, breeders - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Compound feedingstuffs for poultry, breeders - process control - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Compound feedingstuffs for poultry, breeders - process control - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1138	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	50	5	Salmonella Typhimurium	5
	Compound feedingstuffs for poultry, broilers - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - process control - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - process control - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - final product - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1231	4	Salmonella Cubana	2
									Salmonella Senftenberg	2
	Compound feedingstuffs for poultry, laying hens - final product - Farm - Romania - feed sample - Surveillance - HACCP and own check - Suspect sampling	single (food/feed d)	25	Gram	N.A	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 of units positive
Not Available	Compound feedingstuffs for poultry, laying hens - final product - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	3	Salmonella Enteritidis	1
									Salmonella Thompson	1
									Salmonella Westhampton	1
	Compound feedingstuffs for poultry, laying hens - final product - Farm - Romania - feed sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	4	Salmonella Enteritidis	4
	Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	42	1	Salmonella Cubana	1
	Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Suspect sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - process control - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - process control - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Compound feedingstuffs for rabbits - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	85	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	63	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	215	0	Salmonella	0
Feed material of cereal grain origin - wheat derived - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	27	0	Salmonella	0	
Feed material of cereal grain origin - wheat derived - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	115	0	Salmonella	0	
Feed material of cereal grain origin - wheat derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Feed material of cereal grain origin - wheat derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	135	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Retail - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Feed material of land animal origin - animal fat - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1035	0	Salmonella	0
	Feed material of land animal origin - bone meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Feed material of land animal origin - dairy products - whey powder - Farm - European Union - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Feed material of land animal origin - dairy products - whey powder - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Feed material of land animal origin - dairy products - whey powder - Processing plant - European Union - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Feed material of land animal origin - dairy products - whey powder - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Feed material of land animal origin - dairy products - whey powder - Processing plant - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Feed material of land animal origin - feather meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1098	0	Salmonella	0
	Feed material of land animal origin - greaves - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	63	0	Salmonella	0
	Feed material of land animal origin - meat and bone meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Feed material of land animal origin - meat meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	556	0	Salmonella	0
	Feed material of land animal origin - poultry offal meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	624	0	Salmonella	0
	Feed material of land animal origin - poultry offal meal - Processing plant - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Processing plant - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Wholesale - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Feed material of oil seed or fruit origin - other oil seeds derived - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - other oil seeds derived - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	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 of units positive
Not Available	Feed material of oil seed or fruit origin - other oil seeds derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	205	2	Salmonella Infantis	2
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	365	0	Salmonella	0
	Feed material of oil seed or fruit origin - sunflower seed derived - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	5	Salmonella Preston	5
	Feed material of oil seed or fruit origin - sunflower seed derived - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	15	1	Salmonella Fillmore	1
	Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	78	0	Salmonella	0
	Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Suspect sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	120	0	Salmonella	0
	Other feed material - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other feed material - Farm - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	29	0	Salmonella	0
	Other feed material - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	29	0	Salmonella	0
	Other feed material - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	42	0	Salmonella	0
	Other feed material - forages and roughages - Farm - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
	Other feed material - forages and roughages - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other feed material - other seeds and fruits - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Pet food - dog snacks (pig ears, chewing bones) - Border Control Posts - Non European Union - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Pet food - dog snacks (pig ears, chewing bones) - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	528	0	Salmonella	0
	Pet food - dog snacks (pig ears, chewing bones) - Processing plant - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N.A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Pet food - dog snacks (pig ears, chewing bones) - Retail - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed d)	25	Gram	N.A	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 of units positive
Not Available	Pet food - final product - canned products - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Pet food - final product - canned products - Processing plant - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Premixtures - Feed mill - European Union - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Premixtures - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	122	0	Salmonella	0
	Premixtures - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0

Table Staphylococcal enterotoxins:STAPHYLOCOCCAL ENTEROTOXINS in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	215	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	100	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 19020:2017 Staphylococcal enterotoxins	210	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Mobile retailer or market/street vendor - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	25	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	170	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 19020:2017 Staphylococcal enterotoxins	90	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	230	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	100	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples taken from the warehouse	ISO 19020:2017 Staphylococcal enterotoxins	110	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Farm - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/fee d)	25	Gram	N_A	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 of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	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 - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	105	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	20	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	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 - Farm - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	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 - Farm - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	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 - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	110	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Wholesale - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples taken from the warehouse	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	20	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from raw or low heat-treated milk - Farm - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from raw or low heat-treated milk - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	25	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Farm - Romania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Packing centre - Romania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Romania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	50	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Romania - food sample - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0

Table Trichinella:TRICHINELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Bears - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	11	1	Trichinella, unspecified sp.	1
	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	9323	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	21126 0	81	Trichinella britovi	6
							Trichinella pseudospiralis	1
							Trichinella spiralis	24
							Trichinella, unspecified sp.	50
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	37313 00	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	12818	0	Trichinella	0
		Horses from farms	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	17128	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	9207	46	Trichinella britovi	29
							Trichinella spiralis	9
							Trichinella, unspecified sp.	9
Bihor	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	4466	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	8830	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from farms	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	5891	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	530	0	Trichinella	0
Bistrița-Năsăud	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	11616	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	15133	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Bistrița-Năsăud	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	194	0	Trichinella	0
Cluj	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	17221	1	Trichinella spiralis	1
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	456	0	Trichinella	0
Maramureș	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	821	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1229	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	33900 6	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	5651	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Maramureş	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from farms	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	140	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	152	2	Trichinella, unspecified sp.	2
Satu Mare	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	7710	54	Trichinella spiralis	6
							Trichinella, unspecified sp.	48
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	65193	0	Trichinella	0
Sălaj	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	2850	4	Trichinella spiralis	4
							Trichinella, unspecified sp.	1
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	454	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 of units positive
Alba	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	3849	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	15671	2	Trichinella spiralis	1
							Trichinella, unspecified sp.	1
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	10625 9	0	Trichinella	0
Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	22	1	Trichinella britovi	1	
Braşov	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	173	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	8948	0	Trichinella	0
Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	32901	0	Trichinella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Braşov	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1594	0	Trichinella	0
		Horses from farms	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	134	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	6	0	Trichinella	0
Covasna	Bears - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	7772	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	33166	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	69	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Covasna	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	87	0	Trichinella	0
Harghita	Bears - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	4	1	Trichinella, unspecified sp.	1
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	8012	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	36	0	Trichinella	0
Mureş	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	752	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	10187	2	Trichinella spiralis	1
							Trichinella, unspecified sp.	1
Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	37206	0	Trichinella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Mureş	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	24	1	Trichinella britovi	1
Sibiu	Bears - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	2776	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	22797	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	120	1	Trichinella britovi	1
Bacău	Bears - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	196	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Bacău	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	77339	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	43	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1376	3	Trichinella britovi	3
Botoșani	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	367	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	19415	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	45257	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	430	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Iași	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	110	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	12954 2	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	194	1	Trichinella britovi	1
Neamț	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	89	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	38675	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	124	0	Trichinella	0
Suceava	Bears - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	3	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Suceava	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	169	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	12274 7	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	3398	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	594	3	Trichinella britovi	3
Vaslui	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	3584	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	4036	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	321	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 of units positive
Brăila	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	138	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	678	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	16150 9	0	Trichinella	0
Buzău	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	3003	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	85974	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	483	6	Trichinella britovi	3
							Trichinella spiralis	2
							Trichinella, unspecified sp.	1
Constanța	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1985	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Constanța	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	18466	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	91	0	Trichinella	0
Galați	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	663	1	Trichinella pseudospiralis	1
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	10749	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	200	0	Trichinella	0
Tulcea	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	58	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	3327	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Vrancea	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	7660	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	41392	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1946	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	364	2	Trichinella britovi	2
Argeş	Bears - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1	0	Trichinella	0
	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	964	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	829	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Argeş	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	22778 8	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	74	0	Trichinella	0
Călăraşi	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1590	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1004	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	12906 4	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from farms	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	202	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	51	1	Trichinella britovi	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Dâmbovița	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	33	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	21607 1	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	184	2	Trichinella britovi	2
Giurgiu	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1789	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	9	0	Trichinella	0
Ialomița	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1775	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	13066 7	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Ialomița	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N.A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	102	0	Trichinella	0
Prahova	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	8531	6	Trichinella spiralis	6
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N.A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	88631	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	22	0	Trichinella	0
		Horses from farms	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	44	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N.A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	589	6	Trichinella britovi	1
							Trichinella spiralis	3
							Trichinella, unspecified sp.	2
Teleorman	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	9983	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Teleorman	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	9791	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	15	0	Trichinella	0
București	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	10	0	Trichinella	0
Ilfov	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	54	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	40576	0	Trichinella	0
Dolj	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1477	1	Trichinella britovi	1
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	5317	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Dolj	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	6	0	Trichinella	0
Gorj	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	7484	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	11007	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	332	11	Trichinella britovi	7
							Trichinella spiralis	4
							Trichinella, unspecified sp.	1
Mehedinți	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	7575	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	6409	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	250	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Olt	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	4289	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	724	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	95	2	Trichinella britovi	1
							Trichinella, unspecified sp.	1
Vâlcea	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	1720	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	71573	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	152	0	Trichinella	0
Arad	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	4460	2	Trichinella britovi	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Arad	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	77982	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	264	0	Trichinella	0
Caraş-Severin	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	669	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	6055	4	Trichinella spiralis	4
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	132739	0	Trichinella	0
Hunedoara	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	401	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	12996	1	Trichinella spiralis	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Hunedoara	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	48	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	101	1	Trichinella britovi	1
Timiș	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Fattening pigs from backyards and free-range pigs - not raised under controlled housing conditions	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	5128	3	Trichinella britovi	3
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	11830 01	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	Horses from backyards	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	47	0	Trichinella	0
		Horses from farms	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	10717	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	N_A	Magnetic stirrer method for pooled sample digestion/on filter isolation and larva detection by a latex agglutination test	animal	195	1	Trichinella britovi	1

Table Virus:VIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ROMANIA	Doves - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	IgG ELISA	holding	3	3	West Nile virus	3
	Gallus gallus (fowl) - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	IgG ELISA	holding	3	0	West Nile virus	0
	Solipeds, domestic - horses - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	IgM-capture ELISA (MAC-ELISA)	holding	84	0	West Nile virus	0
Brăila	Solipeds, domestic - horses - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	IgM-capture ELISA (MAC-ELISA)	holding	84	0	West Nile virus	0
Dolj	Doves - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	IgG ELISA	holding	3	3	West Nile virus	3
	Gallus gallus (fowl) - Backyard - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	N_A	IgG ELISA	holding	3	0	West Nile virus	0

Table Virus:VIRUS in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fruits - non-pre-cut - chilled - Border Control Posts - Turkey - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	N.A	Reverse-transcription PCR (RT-PCR)	14	0	Hepatovirus A Norovirus	0 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

Causative agent	Food vehicle	Outbreak strenght			
		N outbreaks	N human cases	N hospitalized	N deaths
Salmonella	Bakery products - cakes - containing heat-treated cream	1	4	3	0
Staphylococcus	Other processed food products and prepared dishes	1	44	3	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
Salmonella	unk	Not Available	Not Available	Not Available	FN/04.08.2021	Household	Bakery products - cakes - containing heat-treated cream	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans	Domestic premises	Take-away or fast-food outlet	Romania	Infected food handler; Cross-contamination	The source was represented by human carriers, the causative agent has been identified at some confectionery employees, not in the cake. The laboratory results of the collected samples showed the presence of Salmonella DO in the hospitalized patients coproculture.	1	4	3	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Staphylococcus	unk	Not Available	Not Available	Not Available	AET/22.11.2021	General	Other processed food products and prepared dishes	Milanese spaghetti with tomato sauce and chicken breast; vegetable soup	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	School or kindergarten	School or kindergarten	Romania	Infected food handler	In the food consumed by children in kindergarten were identified: Staphylococcus coagulase positive and Enterobacteriaceae (in the pasta sample with tomato sauce and chicken) and Enterobacteriaceae in vegetable soup. Given the symptoms of hospitalized children the case was classified as a foodborne outbreak with Staphylococcus coagulase positive, associated with germs from the family Enterobacteriaceae. The case was classified based on clinical and epidemiological data according to surveillance methodology.	1	44	3	0

Weak Foodborne Outbreaks: detailed data

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

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling details:

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						
N of resistant isolates						
MIC						
<=0.125		2	2			
<=0.25					1	
0.25			1			
<=0.5						4
0.5		1	2		5	
<=1				6		
1			2		2	
<=2	5					
2			1	2		
4	2					
8	1	3				
16		2				
64						3
>64						1

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling details:

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						
MIC	N of resistant isolates					
<=0.125		23	92			
0.25		11	33			
<=0.5						20
0.5		3	15		10	
<=1				81		
1			4		113	3
<=2	72					
2			2	23	20	1
4	66	2		7		2
8	7	36				4
16		56		1	1	9
>16					2	
32	1	15				12
64						29
>64						66
128				4		
256				3		
512				14		
>512				13		

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Surveillance - based on Regulation

Sampler: Official sampling

Sampling Strategy: Objective sampling

2073

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Romania

Sampling details:

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						
N of resistant isolates						
MIC						
0.25			19			
<=0.5						10
0.5			9		27	
<=1				28		
1					1	
<=2	28					
4		6				
8		15				
16		7				2
32						5
64						5
>64						6

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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling details:

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						
N of resistant isolates						
MIC						
<=0.125		10	34			
<=0.25					25	
0.25		1	3			
<=0.5						23
0.5			1		13	
<=1				36		
1			1			
<=2	38					
2				2	1	
4	1	2				
8		17				
16		8				2
32		1				5
64						1
>64						8
512				1		

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Surveillance - based on Regulation

Sampler: Official sampling

Sampling Strategy: Objective sampling

2073

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Romania

Sampling details:

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						
N of resistant isolates						
MIC						
0.25			1			
0.5			1		2	
<=1				2		
<=2	2					
2						1
8		1				1
16		1				

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
0.03							1								
<=0.25				1											1
<=0.5									1						
0.5														1	
<=1								1							
1					1										
<=2													1		
2		1													
<=4	1										1				
<=8						1									
8			1												
16												1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5									1						
0.5					1										
<=1		1						1							
<=2													1		
<=4	1										1				
<=8						1									
8			1												
16												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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										2					
0.03							1								
<=0.25				2	2									2	
<=0.5									2						
0.5							1								
<=1		1						2							
1															1
<=2													1		
<=4	2										1				
4			1												
<=8						2									
8			1								1				
>16															1
32												1			
>32		1											1		
>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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										5					
0.03							1								
0.064							3								
<=0.25				4	1									1	1
<=0.5									5						
0.5				1	3		1								3
<=1								4							
1					1									4	
<=2													1		
2		1						1							
<=4	5										1				
4		3											3		
<=8						1									
8			1								3				
16			1			3					1				
>16															1
32			3									2			
>32		1											1		
64												2			
>64						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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
0.03							1								
0.064										2					
<=0.25				2	2									2	
<=0.5									2						
0.5							1								2
<=1								2							
<=2													2		
2		1													
<=4	2										1				
<=8						1									
8			2												
16											1				
32		1													
64												2			
>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 pnl2

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							5								
<=0.03										10					
0.03							9								
0.064										7					
<=0.25				16										14	5
0.25							1								
<=0.5									17						
0.5					14		2							3	7
<=1		5						16							
1					2										2
<=2													12		
2		8						1							
<=4	17										14				
4			3										1		
>4				1											
<=8						16									
8		1	14								1		1		1
>8					1										
16											1	2			
>16															2
32											1	7			
>32		3											3		
64												2			
>64						1									
256												1			

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16	
N of tested isolates																
N of resistant isolates																
MIC																
>512												5				

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
<=0.03										1					
<=0.25				1	1									1	1
<=0.5									1						
<=1		1						1							
<=2													1		
<=4	1										1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
<=0.25				1										1	
<=0.5									1						
0.5					1		1								
<=1		1						1							
1															1
<=4	1														
4			1												
<=8						1									
32											1	1			
>32													1		

Table Antimicrobial susceptibility testing of Salmonella Infantis 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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
<=0.5									1						
0.5				1											1
<=1								1							
1					1		1								
2														1	
<=4	1														
4		1													
16			1			1									
>32													1		
>64											1				
>512												1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
<=0.03										3					
0.03							1								
0.064							1								
<=0.25				3										2	
<=0.5									3						
0.5					3										3
<=1		2						3							
<=2													2		
2		1												1	
<=4	3										3				
<=8						3									
8			3												
32												3			
>32													1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										6					
0.03							1								
0.064							2								
<=0.25				5	2									1	3
<=0.5									6						
0.5					3		1							4	
<=1								6							
1							2								
<=2													1		
2		2												1	
<=4	6										1				
4		1											1		
>4				1											
<=8						3						1			
8			2								2		1		
>8					1										
16			3												1
>16															2
32			1								2	1			
>32		3											3		
>64						3					1				
>512												4			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										8					
0.03							8								
<=0.25				8										8	4
<=0.5									8						
0.5					8										
<=1		3						8							
1															3
<=2													8		
2		5													
<=4	8										8				
4			5												1
<=8						7									
8			3												
16						1						5			
64												3			

Table Antimicrobial susceptibility testing of Salmonella Leeuwarden 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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
0.03							1								
<=0.25				1	1									1	
<=0.5									1						
0.5															1
<=1		1						1							
<=2													1		
<=4	1										1				
<=8						1						1			
8			1												

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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
0.03							1								
<=0.25				1											
<=0.5									1						
0.5														1	1
<=1								1							
1					1										
<=2													1		
2		1													
<=4	1										1				
<=8							1								
16			1												
64												1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
<=0.03										22					
0.03							7								
0.064										2					
0.125							5								
<=0.25				17										9	2
0.25							1								
<=0.5									24						
0.5				3	16		2							8	5
<=1		2						23							
1					4		7							5	6
<=2													9		
2		11					1	1						2	
<=4	23										8				
4		1													
>4				4											
<=8							13								
8	1		13										1		
>8					4										
16			6			1					1	1			
>16															11
32						1					1	8			
>32		10											14		
64												4			
>64			5			9					14				

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16	
N of tested isolates																
N of resistant isolates																
MIC																
>512												11				

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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
<=0.03										1					
<=0.25				1										1	1
<=0.5									1						
0.5					1										
<=1		1						1							
<=2													1		
<=4	1										1				
4			1												
<=8						1									
16												1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
<=0.03										1					
<=0.25				1	1									1	1
<=1		1						1							
1									1						
<=2													1		
<=4	1										1				
4			1												
<=8						1									
16												1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium 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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
0.064										1					
<=0.25				1	1										1
<=0.5									1						
<=1								1							
1														1	
2		1													
<=4	1										1				
4			1												
<=8						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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							5								
<=0.03										13					
0.03							10								
0.064										5					
<=0.25				18	6									14	7
<=0.5									18						
0.5					12		2							4	4
<=1		2						18							
1							1								3
<=2													11		
2		3													
<=4	18														
4			9												
<=8						14						1			
8			8												
16			1								1	6	1		
>16															4
32											2	3			
>32		13											6		
>64						4									
>512												8			

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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							1								
<=0.03										9					
0.03							10								
0.064							1			4					
<=0.25				13	5									6	11
<=0.5									12						
0.5					8		1							6	1
<=1		1						13							
1														1	
<=2													5		
<=4	13										10				
4			4												
<=8						12									
8			8								2				
16												1			
>16									1						1
32												1			
>32		12											8		
64			1												
>64						1					1				
>512												11			

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR 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 pnl2

Analytical Method:

Country of Origin: Romania

Sampling Details:

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										
N of resistant isolates										

Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates	
Not Available	Not Available	<=0.03	1	
		0.03	1	
		<=0.125	1	
		0.25	1	
		2	1	
		4	1	
		8	1	
		16	1	
		Positive/Pre sent	<=0.064	1
		Positive/Pre sent	Not Available	<=0.125

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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							90								
<=0.03										128					
0.03							31								
0.064							1			1					
0.125							1								
<=0.25				128	127									121	51
0.25							2								
<=0.5									104						
0.5					1		3							8	61
<=1		2						129							
1							1		22						7
<=2			4										101		
2		33		1					1						2
<=4	126											122			
4		75	37										6		
<=8						116						47			
8	3	7	82						1		3		1		
>8					1										
16			5			7			1		1	52			
>16															8
32												14			
>32		12											21		
64			1			2						2			
>64						4					3				
>512												14			

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 pn12

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

N of resistant isolates

Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of tested isolates	N of resistant isolates
		<=0.015		24
		<=0.03		32
		0.03		8
		<=0.064	1	
		<=0.125		25
		0.25		7
		0.5	1	
	Not Available	1		6
		2	2	1
		4	13	13
		8	13	10
		16	2	6
		32		1
		64		8
		>64		13
				4
	Positive/Pre sent	<=0.064		26
		0.125		4
	Negative/Ab sent	1		1
		4		1
Positive/Pre sent	Not Available	<=0.125		11
		0.25		17

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										
N of resistant isolates										
Ceftazidime synergy test	Cefotaxime synergy test	MIC								
Negative/Ab sent	Not Available	0.25				2				
		4				2				

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:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							6								
<=0.03										32					
0.03							5								
<=0.25														24	6
0.25							7								
<=0.5									22						
0.5							6							8	12
<=1								32							
1					6				4						
<=2													10		
2				1	9										
<=4	32										15				
4			4		10								1		
>4				31											
<=8						22						5			
8			22		5		3				5				
>8					2		5								
16			3			2					3	5			
>16									6						14
32			1												
>32		32											21		
64			1			1						1			
>64			1			7					9				
>512												21			

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 pn12

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of tested isolates	N of resistant isolates
		<=0.015		2
		<=0.03		8
		0.03		4
		0.064		2
		<=0.125		6
		0.125	2	
		0.25	1	
		0.5	1	
	Not Available	1		1
		2	1	1
	Not Available	4	1	1
		8	3	4
		16	2	1
		32	1	
		64	1	4
		>64	1	
Positive/Pre sent		<=0.064		3
		0.125		1
Negative/Ab sent		1		1
		4		1
		8		2

			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													
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates										
Positive/Pre sent	Not Available	<=0.125						2					
		0.25						2					
Negative/Ab sent	Not Available	4						2					
		8						2					

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							88								
<=0.03										168					
0.03							24								
0.064										1					
0.125							3								
<=0.25				161	156									162	46
0.25							23								
<=0.5									122						
0.5					5		16							7	53
<=1		3						168							
1					1		2		38						11
<=2			14										61		
2		26		1			2		2						2
<=4	166														
4		34	58		2			1						2	
>4				7											
<=8						114						47			
8	3	5	86		4		6		1		19		2		
>8					1		5								
16			6			3			2		10	27	1		
>16									4						57
32		2	3			6					2	3			
>32		99											103		
64			2			7					2	1			
>64						39					17				

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
>512												91			

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 pn12

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

N of resistant isolates

Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates
		<=0.015	97
		<=0.03	166
		0.03	59
		<=0.064	2
		0.064	11
		<=0.125	1
		0.125	10
		0.25	22
		0.5	5
Not Available	Not Available	1	5
		2	11
		4	41
		8	49
		16	14
		32	7
		>32	1
		64	31
		>64	26
Positive/Pre sent		<=0.064	106
		0.125	24

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	N of resistant isolates

Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates
	Positive/Pre sent	1	1
		2	1
Not Available	Negative/Ab sent	0.5	1
		1	6
		2	8
		4	6
		8	10
		16	4
Positive/Pre sent	Not Available	<=0.125	50
		0.25	60
		0.5	14
Negative/Ab sent	Not Available	0.25	3
		1	1
		2	3
		4	14
		8	12
		16	7

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015							32								
<=0.03										167					
0.03							12								
0.125							2								
<=0.25														157	31
0.25							26								
<=0.5									71						
0.5					3		38							10	26
<=1								165							
1				2	17		5		21						3
<=2			3										28		
2				14	39		7		4						
<=4	164										55				
4			36	11	33		1	1					8		
>4				140											
<=8						63						20			
8	2		103		44		10	1	1		29		4		
>8					31		34								
16			4			2			24		13	16			
>16									46						107
32		3	4			6					1	2	2		
>32		164											125		
64			4			8					3				
>64			13			88					66				
>128	1														

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16	
N of tested isolates																
N of resistant isolates																
MIC																
>512												129				

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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pn12

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

N of resistant isolates

Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates									
Not Available	Not Available	<=0.015	4									
		<=0.03	8									
		0.03	4									
		<=0.125	3									
		0.25	5									
		1	1									
		2	1 1									
		4	1 1 2									
		8	3 1 5 2 7									
		16	2 1 1 2 1									
		32	2									
		>32	1									
		64	1									
		>64	4									
Positive/Pre sent	Positive/Pre sent	<=0.125	1									
		0.25	4									
		0.5	2									
Negative/Ab sent	Negative/Ab sent	0.25	1									
		<=0.064	4									
Positive/Pre sent	Not Available	0.125	4									

Sampling Details:

			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												
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates												
Not Available	Not Available	<=0.015		2											
		<=0.03		2											
		<=0.125		1											
		0.25		1											
		2	1												
		4	1	1											
		8		1	2								2		
		32		2											
		Positive/Pre sent	Positive/Pre sent	<=0.125		1									
				0.25		1									
Positive/Pre sent	Not Available	<=0.064		2											

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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										8					
0.125							1								
<=0.25														7	2
0.25							1								
<=0.5									4						
0.5							2							1	
<=1								8							
1									1						
2					1		1								
<=4	8										2				
4			2		2										
>4				8											
<=8						2						1			
8			6		2						1				
>8					3		3								
16												1			
>16									3						6
32													1		
>32		8											7		
64											2				
>64						6					3				
>512												6			

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03											2				
<=0.25													2		
<=0.5									1						
0.5							1								
<=1								2							
<=4	2											1			
>4				2											
8			2			2									
>8							1								
16									1						
>16															2
>32			2											2	
>64						2						1			
>512												2			

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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pn12

Analytical Method:

Country of Origin: Belgium

Sampling Details:

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

N of resistant isolates

Ceftazidime synergy test	Cefotaxime synergy test	MIC										
Not Available	Not Available	<=0.015								1		
		<=0.03									1	
		0.25									1	
		4	1									
		8			1	1					1	
		32		1								
		Positive/Pre sent	0.25						1			
Positive/Pre sent	Not Available	<=0.064			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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Belgium

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
<=0.25														1	
0.25							1								
<=0.5									1						
0.5															1
<=1								1							
<=2													1		
<=4	1										1				
>4				1											
<=8						1									
8			1		1										
16												1			
>32		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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pn12

Analytical Method:

Country of Origin: Germany

Sampling Details:

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												
		N of resistant isolates												
Ceftazidime synergy test	Cefotaxime synergy test	MIC												
Not Available	Not Available	<=0.015								1				
		<=0.03									1			
		0.25									1	1		
		0.5					1							
		2	1											
		4			1									
		8										1		
		16	1											
			Negative/Ab sent	0.25						1				
		Positive/Pre sent	Not Available	0.125	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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Germany

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
<=0.5									1						
0.5					1		1							1	
<=1								1							
<=4	1														
>4				1											
16											1				
>16															1
>32		1											1		
64			1												
>64						1									
>512												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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pn12

Analytical Method:

Country of Origin: Romania

Sampling Details:

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

N of resistant isolates

Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates
		<=0.015	11
		<=0.03	24
		0.03	8
		0.064	5
		<=0.125	6
		0.125	3
		0.25	4
		0.5	1
	Not Available	1	1
	Not Available	2	3
	Not Available	4	4
	Not Available	8	9
	Not Available	16	3
	Not Available	32	1
	Not Available	>32	1
	Not Available	64	7
	Not Available	>64	3
	Positive/Pre sent	<=0.125	4
	Positive/Pre sent	0.25	10
	Positive/Pre sent	0.5	1

			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										
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates										
Not Available	Negative/Ab sent	0.5	1										
		2	1										
		4	2										
		8	2										
		16	2										
		32	1										
Positive/Pre sent	Not Available	<=0.064	12										
		0.125	4										
Negative/Ab sent	Not Available	1	1										
		2	2										
		8	2										
		16	3										

Sampling Details:

		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											
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates										
		<=0.015											
		<=0.03											
		0.03											
		<=0.125											
		0.125	1										
		0.25											
		0.5											
	Not Available	1											
	Not Available	4		1		4	3						
	Not Available	8	1			2	2						
	Not Available	16	3			1	1						
	Not Available	32	1	2									
	Not Available	>32	1										
	Not Available	64		1									
	Not Available	>64		3									
	Positive/Pre sent	0.25											
	Positive/Pre sent	0.5											
	Negative/Ab sent	<=0.125											
	Negative/Ab sent	4											
	Positive/Pre sent	<=0.064											
	Not Available	0.125											
	Not Available	0.25											
	Negative/Ab sent	2											
	Not Available												

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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Romania

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16	
N of tested isolates																
N of resistant isolates																
MIC																
<=0.015							9									
<=0.03										24						
0.125							1									
<=0.25												24	15			
0.25							4									
<=0.5										17						
0.5							4									
<=1								24								
1					1	2			2							
<=2			1			3	6	1								
2				3	6			1								
<=4	24									17						
4			8					4								
>4				21												
<=8						13						6				
8			13			4	1			1						
>8					9		2									
16											1	1				
>16									5							
>32	24															
64			2													
>64						11						5				
>512												17				

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2		
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16		
N of tested isolates																	
N of resistant isolates																	
MIC																	
<=0.015							4										
<=0.03										7							
<=0.25														5	5		
0.25							1										
<=0.5										5							
0.5							1								2		
<=1								7									
1					1												
<=2			1												1		
<=4	7											5					
4				1	3												
>4					6												
<=8						3						3					
8				5	2			1									
>8					1												
16											1						
>16										2							
>32			7												6		
64			1				1										
>64						3					1						
>512												4					

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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pn12

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

N of resistant isolates

Ceftazidime synergy test	Cefotaxime synergy test	MIC								
		<=0.03								
		0.03								1
		0.25	1							1
Not Available	Not Available	4								
		8				1				
		64			1					
	Negative/Ab sent	8				1				
Negative/Ab sent	Not Available	2			1					

Sampling Details:

		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												
		N of resistant isolates												
Ceftazidime synergy test	Cefotaxime synergy test	MIC												
Not Available	Not Available	<=0.015								1				
		<=0.03										2		
		0.03								1				
		0.25										2		
		0.5					1							
		2	1											
		4				1								
		8	1	1	1	1								
		64			1									
		Positive/Pre sent						1						
Negative/Ab sent							1							
Positive/Pre sent	Not Available	<=0.064				1								
		0.125				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

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.03										1					
0.03							1								
<=0.25														1	1
<=0.5									1						
<=1								1							
2				1											
<=4	1												1		
<=8						1									
8			1		1										
>32		1											1		
>512												1			

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	2
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	16
N of tested isolates															
N of resistant isolates															
MIC															
<=0.015															
<=0.03															
<=0.25															
<=0.5															
0.5															
<=1															
<=2															
<=4															
4															
>4															
<=8															
8															
>32															
>64															

OTHER ANTIMICROBIAL RESISTANCE TABLES

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

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

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

Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	13-Dec-2022
Animal Population	26-Jul-2022
Disease Status	26-Jul-2022
Food Borne Outbreaks	26-Jul-2022
Prevalence	26-Jul-2022

ROMANIA

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

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

IN 2021

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1. Institutions and Laboratories involved in zoonoses monitoring and reporting

National Sanitary Veterinary and Food Safety Authority – central veterinary authority;
County Sanitary Veterinary and Food Safety Directorates – local veterinary authority;
Institute for Diagnosis and Animal Health – central animal health diagnostic institute;
Institute for Hygiene and Veterinary Public Health - central food and feed diagnostic institute.

The monitoring of zoonoses and zoonotic agents is made according with the Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), which is according to the provisions of Directive 2003/99/EC (transposed into Romanian legislation by order of the N.S.V.F.S.A. no.34 /2006). The samples for zoonoses and zoonotic agents are taken by the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) and the strains isolated in animals/foodstuffs/feedingstuffs are serotyped by specific National Reference Laboratory (NRLs). The NRLs are organized within the central diagnostic institutes, which are a public institution with legal personality, designated as national reference authority in the field of animal/food safety, under the responsibility of N.S.V.F.S.A.

The central institutes collects from regional laboratories (Sanitary Veterinary and for Food Safety Laboratories – S.V.F.S.L.) and from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) and reports to the N.S.V.F.S.A. all zoonoses and zoonotic agents data in the field of animal health, food and feed safety.

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

Based on statistical research on livestock and livestock production in 2021, made by the National Institute of Statistics, the total number of cattle and the herd on 1 December 2021 compared to 1 December 2020 decreased by 3.0% and 2.8% respectively. The total number of pigs and the number of ewes decreased by 4.4% and 5.4% respectively.

The total number of birds and the number of adult laying hens increased by 8.1% and 14.9%, respectively.

Data source are reports from the National Institute of Statistic, and from our National Data Base.

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

Definitions used for the purposes of monitoring and eradication of zoonoses are in compliance with the definitions determined by the Regulation UE no 178/2002, Regulation UE no. 2160/2003, Regulation UE no. 429/2016 and Directive CE no. 2003/99.

Establishment: any premises, structure, or, in the case of open-air farming, any environment or place, where animals or germinal products are kept, on a temporary or permanent basis, except for: (a) households where pet animals are kept; (b) veterinary practices or clinics;

Flock: a single group or multiple groups of animals which share the same production unit (i.e. using the same air-space or range area). Where housing systems are not typical, the situation is likely to be assessed on a case by case basis. Multiple groups of animals which have beak-to-beak contact (inside or outside the house) are likely to be treated as a single flock for the same epidemiological reasons.

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

According to the National Institute of Statistics in January 2021, compared to the same month of the previous year, the number of slaughtered animals and poultry increased for cattle, sheep, goats and pigs and decreased for poultry; the carcass weight increased for cattle, sheep, goats and pigs and for poultry remain constant.

2.4. Geographical distribution and size distribution of the herds, flocks and holdings

In Romania at the end of 2021 there were approximately 1.986382 cattle, 3.278.784 pigs, 237783 horses, 315.327.663 poultry, 2037267 sheep and 1.532.706 goats. According to Identification and Registration Service on current events recorded at agricultural holdings (incoming and outgoing animals, newly registered animals) there were 331.954 cattle holdings, 195.276 horse holdings, 205.570 small ruminant holdings, and 451.416 porcine holdings in Romania. A minor portion of holdings in Romania are specialised farms rearing one animal species only, e.g. milking cows.

Most Romanian farms are mixed establishments rearing ruminants as well as non-ruminants. Such holdings normally operate extensive rearing systems with a small share of purchased feed.

Animal population differs from species to species and from county to county.

2.5. Additional information

These statistics and numerical values may vary from other national or E.U. official sources of animal population records.

(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: *Trichinella* spp.

3.1. History of the disease and/or infection in the country

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) and the susceptibility testing of *Trichinella* spp. to receptive species is a part of this program, according with the provisions of Regulation 2015/1375/EC regarding the control of Trichinelosis. Romania does not have any regions or holdings official free of trichinelosis. *Trichinella* spp. is detected in pigs belonging to the small establishment (backyards), wild boars and bears, and there was any detection in comercial farms.

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

In 2012, were detected a total number of 287 positive cases of *Trichinella* spp from which: 171 positive cases in fattening pigs from backyards (not raised under controlled housing conditions); 107 positive cases in wild boars, 9 positive cases in bears.

In 2013, were detected a total number of 361 positive cases of *Trichinella* spp from which: 193 positive cases in fattening pigs from backyards (not raised under controlled housing conditions), 148 positive cases in wild boars, 20 positive cases in bears.

In 2014, were detected a total number of 255 positive cases of *Trichinella* spp. from which: 141 positive cases in fattening pigs from backyards (not raised under controlled housing conditions); 88 positive cases in wild boars-wild and 26 positive cases in bears.

In 2015, were detected a total number of 210 positive cases of *Trichinella* spp. from which: 87 positive cases in fattening pigs from backyards (not raised under controlled housing conditions); 94 positive cases in wild boars-wild and 29 positive cases in bears.

In 2016, were detected a total number of 256 positive cases of *Trichinella* spp from which: 120 positive cases in fattening pigs from backyards (meat from pig not raised under controlled housing conditions), 31 positive cases fattening pigs from farms (meat from pig not raised under recognised controlled housing conditions), 89 positive cases in wild boars-wild and 16 positive cases in bears. In 2016, it can be observed a sligtly increase trend of positive cases in Romania compared with 2015.

In 2017, were detected a total number of 250 positive cases of *Trichinella* spp from which:120 positive cases in fattening pigs from backyards (not raised under controlled housing conditions), 128 positive cases in wild boars-wild and 2 positive cases in bears. In the last four years there has been a stagnation in positive cases in Romania, but a different distribution of species from year to year.

In 2018, were detected a total number of 304 positive cases of *Trichinella* spp from which:134 positive cases in fattening pigs from backyards (not raised under controlled housing conditions), 166 positive cases in wild boars-wild and 4 positive cases in bears.

In 2019, were detected a total number of 278 positive cases of *Trichinella* spp from which:79 positive cases in fattening pigs from backyards (not raised under controlled housing conditions), 196 positive cases in wild boars-wild and 3 positive cases in bears.

In 2020, were detected a total number of 181 positive cases of *Trichinella* spp from which: 91 positive cases in fattening pigs from backyards (not raised under controlled housing conditions), 84 positive cases in wild boars-wild and 6 positive cases in bears.

In 2021, were detected a total number of 128 positive cases of *Trichinella* spp from which: 81 positive cases in fattening pigs from backyards (not raised under controlled housing conditions), 46 positive cases in wild boars-wild and 1 positive case in bears.

Comparison of the *Trichinella* species found in animals, food and human helps to suggest possible sources of infection in the food chain.

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

All positive samples (larvae have been detected) were sent to identify the species of *Trichinella* to National Reference Laboratory for *Trichinella* (NRL) which is organized in Institute of Hygiene and Veterinary Public Health (IHVPH).

3.4. Additional information

*** For each zoonotic agent**

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

(b): If applicable

4. General evaluation: *Salmonella* spp.

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

Salmonella have been recognized as important pathogens, *Salmonella* Enteritidis and *Salmonella* Typhimurium have accounted for the majority of cases of human *Salmonella* for many years and have consistently been the most commonly implicated pathogens in general outbreaks of foodborne disease. Since 2007 in Romania was put in place the National Control Programme of *S. Enteritidis*, *S. Typhimurium*, *S. Virchow*, *S. Infantis* and *S. Hadar* in breeding flocks of *Gallus gallus*. This programme has been approved by the Commission with the Decision 2006/ 876/ EC. In 2008 in Romania the National Programme for Control of *S. Enteritidis*, *S. Typhimurium*, *S. Virchow*, *S. Infantis* and *S. Hadar* in breeder flocks of *Gallus gallus* and National Control Programme for *S. Enteritidis* and *S. Typhimurium* in laying hens of *Gallus gallus* was approved by the Commission with the Decision 782/2007. In 2009 in Romania the National Programme for Control of *S. Enteritidis*, *S. Typhimurium*, *S. Virchow*, *S. Infantis* and *S. Hadar* in breeder flocks of *Gallus gallus*, National Control Programme for *S. Enteritidis* and *S. Typhimurium* in laying hens of *Gallus gallus* and National Control programme for *Salmonella* Enteritidis and *S. Typhimurium* was approved by the Commission with the Decision 897/2008. In 2010 the National the National Programme for Control of *S. Enteritidis*, *S. Typhimurium*, *S. Virchow*, *S. Infantis* and *S. Hadar* in breeder flocks of *Gallus gallus*, National Control Programme for *S. Enteritidis* and *S. Typhimurium* in laying hens of *Gallus gallus*, the National Control programme for *Salmonella* Enteritidis and *S. Typhimurium* and the National Control Programme for *S. Enteritidis* and *S. Typhimurium* in turkeys were approved by the Commission with the Decision 883/2010. For *Salmonella* in geese, ducks, pigs, cattle, there is not a national control programme in place for these animal species.

In 2017, were identified one positive flocks of *Salmonella* Enteritidis on laying hens, 2 positive flocks of *Salmonella* in in breeders (one positive flocks of *Salmonella* Infantis and one positive flocks of *Salmonella* Typhimurium) and 2 positive flocks of *Salmonella* in broilers (one whit *Salmonella* Enteritidis and one whit *Salmonella* Typhimurium).

In 2018, were identified 2 positive flocks of *Salmonella* Enteritidis on laying hens, 3 positive flocks of *Salmonella* in breeders (one positive flocks of *Salmonella* Infantis and 2 positive flocks of *Salmonella* Enteritidis), 3 positive flocks of *Salmonella* Enteritidis in broilers and 1 positive flocks of *Salmonella* Typhimurium in fattening turkeys;

In 2019, were identified 8 positive flocks of *Salmonella* Enteritidis and one positive flocks of *Typhimurium* on laying hens, 4 positive flocks of *Salmonella* in breeders (one positive flocks of *Salmonella* Infantis and 3 positive flocks of *Salmonella* Typhimurium), 4 positive flocks of of *Salmonella* in broilers (2 positive flocks of *Salmonella* Enteritidis and 2 positive flocks of *Salmonella* Typhimurium).

In 2021, there wasn't any positive flock of adult breeding hens out of 462 flocks raised and tested in Romania. For laying hens, 873 flocks were tested for the targeted *Salmonella* serovars and 6 *Salmonella* Enteritidis positive flocks were found. The prevalence in 2021 in laying hens was 0.69%.

13520 broiler flocks were tested for Salmonella and 26 positive flocks were found for the targeted serovars with the prevalence of 0.19%. In 2021, 274 fattening turkeys were tested and no positive flock was found.

Salmonella spp. in animal populations without EU control programs.

In 2017 year, were detected: 20 positive cases in sheep, 16 positive cases in pigs, 1 positive cases in pigeons, 1 positive cases in polar fox, 1 positive cases in goats, 1 positive cases in wild birds.

In 2018 year, were detected 18 positive cases in pigs.

In 2018 year, were detected 4 positive cases in turkeys.

In 2018 year, were detected 1 positive cases in pigeons.

In 2018 year, were detected 3 positive cases in quails.

In 2018 year, were detected 6 positive cases in goats.

In 2018 year, were detected 1 positive cases in cattle.

In 2019 year, were detected 21 positive cases in hens.

In 2019 year, were detected 18 positive cases in sheep.

In 2019 year, were detected 10 positive cases in pigs.

In 2019 year, were detected 2 positive cases in goats.

In 2019 year, were detected 1 positive cases in cattle.

In 2019 year, were detected 1 positive cases in canary.

In 2019 year, were detected 1 positive cases in turkeys.

In 2019 year, were detected 1 positive cases in pigeons.

In 2020 year, were detected 59 positive cases in poultry

In 2020 year, were detected 6 positive cases in turkeys.

In 2020 year, were detected 5 positive cases in pigs.

In 2020 year, were detected 3 positive cases in sheep.

In 2020 year, were detected 2 positive cases in pigeons.

In 2020 year, were detected 1 positive cases in goats.

In 2021 year, were detected 1 positive cases in guinea fowl.

In 2021 year, were detected 1 positive cases in dog.

In 2021 year, were detected 16 positive cases in hens.

In 2021 year, were detected 16 positive cases in sheep.

In 2021 year, were detected 3 positive cases in pigs.

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

The monitoring of Salmonella in food and feed is a part of the Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), which is according with the provisions of Regulation 2005/2073/EC.

In 2013, in food were isolated 436 strains of Salmonella spp. from which: 219 meat from broilers and products thereof, 93 meat from pig and products thereof, 64 meat, mixed meat, 42 meat from turkey and products thereof, 10 cheeses, 6 meat from bovine; 1 meat from sheep and 1 strain egg.

In feed were isolated 27 strains of Salmonella spp. in the year 2013.

In 2014, in food were isolated 207 strains of Salmonella spp. in meat from poultry and products thereof, meat from pig and products thereof, meat from other species, meat, mixed meat, cheeses, egg and other food. In feed were isolated 22 strains of Salmonella spp. in the year 2014.

In 2015, in food were isolated 256 strains of Salmonella spp. from which: 141 meat from poultry and products thereof, 72 meat from pig and products thereof, 1 meat from bovine and products thereof, 27 meat, mixed meat, 3 meat from other species, 3 cheeses, 5 strains egg and 4 other food.

In feed were isolated 8 strains of Salmonella spp. in the year 2015.

In 2016, in food were isolated 308 strains of Salmonella spp. from which: 166 meat from poultry and products thereof, 81 meat from pig and products thereof, 5 meat from bovine and products thereof, 27 meat and mixed meat, 3 meat from other species, 21 strains egg, and 5 other food.

In feed were isolated 17 strains of Salmonella spp. in the year 2016.

In 2017, in food were isolated 183 of Salmonella spp. from which: 101 meat from poultry and products thereof, 8 meat from turkey and products thereof, 44 meat from pig and products thereof, 3 meat from bovine, 2 meat from sheep and products thereof, 13 meat and mixed meat, 1 strain cheeses, 7 strains eggs, 1 strain egg products, 1 strain bakery products (cakes) and 2 strains in other food category.

In feed were isolated 18 strains of Salmonella spp. in the year 2017.

In 2018, in food were isolated 352 of Salmonella spp. from which: 170 meat from poultry and products thereof, 15 meat from turkey and products thereof, 71 meat from pig and products thereof, 1 meat from bovine, 1 products thereof sheep, 47 meat and mixed meat, 1 strain cheeses, 2 strains eggs, 31 strain egg products, 1 strain bakery products (cakes) and 12 strains in other food category.

In feed were isolated 9 strains of Salmonella spp. in the year 2018.

In 2019, in food were isolated 440 of Salmonella spp. from which: 212 meat from poultry and products thereof, 5 meat from turkey and products thereof, 121 meat from pig and products thereof, 11 meat from bovine and products thereof, 11 meat from sheep and products thereof, 7 meat from horse -fresh, 40 meat and mixed mixt, 3 meat from poultry (offal); 5 meat from pig (offal), 3 strains cheeses made from cows'milk, 1 strain bakery products (cakes), 6 strains eggs, 2 fish products (raw salmon) and 13 strains seeds, dried. In feed were isolated 30 strains of Salmonella spp. in the year 2019.

In 2020, in food were isolated 544 of Salmonella spp. from which: 344 meat from poultry and products thereof, 16 meat from turkey and products thereof, 6 meat from duck and products thereof, 74 meat from pig and products thereof, 14 meat from bovine and products thereof, 2 meat from sheep and products thereof, 5 meat from horse -fresh, 58 meat and mixed mixt, 3 meat from poultry (offal), 2 meat from pig (offal), 2 strains cheeses made from cows'milk, 1 strain cheeses made from sheep's milk, 9 strains eggs, 3 strains spices and herbs, 1 strain in other processed food products and prepared dishes, 1 strain in other products of animal origin and 3 strains in other food category.

In feed were isolated 21 strains of Salmonella spp. in the year 2020.

In 2021, in food were isolated 461 of Salmonella spp. from which: 252 meat from poultry and products thereof, 5 meat from turkey, 3 meat from duck and products thereof, 81 meat from pig and products thereof, 9 meat from bovine and products thereof, 61 meat and mixed mixt, 27 meat from poultry (offal), 5 meat from pig (offal), 5 strain cheeses made from sheep's milk, 10 strains eggs, 2 fish products (ready-to-eat) and 1 strain other processed food products and prepared dishes.

In feed there were isolated 41 strains of Salmonella spp. in the year 2021.

The foodstuffs is considered to be an important source of infection at human cases in Romania and the comparison of the Salmonella sero-types found in animals, feeding stuffs, food and human helps to suggest possible sources of infection in the food chain.

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

For monitoring and testing of Salmonella, the food and feed samples thereof are taken by the official vets annually and also in any case of: consumer complaints, suspicions or food borne outbreaks.

4.4. Additional information

The Romanian National Surveillance Program approved by Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) also includes classification of food risk:

1. Group A: milk powder, UHT milk or otherwise sterilized, smoked or matured cheeses for more than 6 months, canned food, honey, dried fish;
2. Group B: Dried and / or matured raw meat products, semi-cooked meat products, heat-treated meat products, cream, pasteurized milk, butter, matured cheese for more than 60 days, beaten milk, yoghurt, milk products fermented, pasteurized or sterilized egg products, meat pasta;
3. Group C: Fresh meat from cattle, horses, pigs, goats, sheep, poultry and lagomorphs, minced meat and prepared meat, fresh or matured cheese less than 60 days, fresh fish, fish fillets, eggs;

4. Group D: Crude milk, unpasteurized milk products, prepared fish products, eggs, smoked fish.

*** 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

5. General evaluation: Echinococcosis

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

Analysis the situation after 2007 in inspected carcasses in slaughter houses shows on the decreasing of cases. The monitoring program for Echinococcosis in the dogs was introduced in the year 2007. The samples are taken from stray dogs. Were tested 19136 samples for echinococcosis, 77 were positive for Echinococcus spp. In the period 2007-2008 were tested 16784 samples from dogs for echinococcosis, 28 samples were positive for Echinococcus spp. In the year 2009 were tested 2352 samples from dogs for echinococcosis, 49 samples were positive for Echinococcus spp. In the year 2010 were tested 809 samples from dogs for echinococcosis by ELISA coproantigen test and two of them were positive for Echinococcus spp. In 2011 were tested 5262 samples from dogs by ELISA coproantigen. From them 121 samples were positive for Echinococcus spp. In 2012 were tested 5119 samples from dogs by ELISA coproantigen, From them 9 samples were positive for Echinococcus spp. In 2013 were tested 3267 samples from dogs by ELISA coproantigen, From them 159 samples were positive for Echinococcus spp. In 2013 it was introduced PCR technique for identification the Echinococcus granulosus species on intermediate hosts. In 2014 a total of 173 samples were examined from dogs, from which 6 were positive for Echinococcus spp. In 2015 were examined a total of 59 samples from dogs from which all were negative. In 2017 were tested 269 samples from cattle and pigs by PCR technique for identification the Echinococcus granulosus species 264 samples were positive for Echinococcus granulosus.

In 2019 were tested 18 samples from cattle by PCR technique for identification the Echinococcus granulosus species, from which all were positive for Echinococcus granulosus.

In 2020 were tested 34 samples from cattle and sheep by PCR technique for identification the Echinococcus granulosus species, from which all were positive for Echinococcus granulosus.

In 2021 were tested 18 samples from cattle by PCR technique for identification the Echinococcus granulosus species, from which all were positive for Echinococcus granulosus.

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

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

5.4. Additional information

*** For each zoonotic agent**

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

(b): If applicable

6. General evaluation: West Nile disease

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

At present West Nile disease is considered endemic in susceptible animal population from the entire territory of Romania.

During 2006 – 2007 research activities were implemented in the horse population in eastern and southern part of the country.

As a result of this research evidence was gathered that a high proportion of the horse population proved to be seropositive for West Nile virus antibodies. Following this find measures were taken in order to implement an active surveillance programme at national level in order to detect the prevalence of the disease in the horse population, by detecting IgG and IgM antibodies.

During 2009 – 2011 sufficient data was gathered in order to demonstrate that West Nile disease is endemic at least in the local horse population. As a consequence active surveillance was reduced to only two counties (Constanța and Brăila) in three localities (Esna, Polizești and Nuntași) where outbreaks were declared to O.I.E. in 2010.

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

Information gathered during the active surveillance was shared with the Institute for Public Health, in order to help decision making regarding the control of the disease in humans.

During 2018, two horses with clinical signs, from Ilfov county, were tested for IgM antibodies, with positive results. Following the results, control measures were implemented and an immediate notification was issued to O.I.E. (on 27.08.2018).

2019-Information gathered during the active surveillance was shared with the Institute for Public Health, in order to help decision making regarding the control of the disease in humans.

During 2019, active surveillance activities were foreseen in animals owned by humans confirmed with West Nile fever. In 14 counties, samples were taken in 29 backyards from birds (hens, geese, and ducks) and Equidae (horses, donkeys). Two ELISA tests were used (IgG ELISA for birds and IgM ELISA for Equidae). Animals from 13 backyards were positive for West Nile virus antibodies.

In animals, passive surveillance provided negative results in 2 counties, where horses exhibited clinical signs similar to those produced by West Nile virus.

Active surveillance in animals continued in 3 localities in Brăila and Constanța, notified as outbreaks to OIE. Horses were tested by IgM ELISA. All results were negative.

2020-Information gathered during the active surveillance was shared with the Institute for Public Health, in order to help decision making regarding the control of the disease in humans.

During 2020, active surveillance activities were foreseen in animals owned by humans confirmed with West Nile fever. In 1 county, samples were taken in 1 backyard from birds (hens). The results for IgG ELISA were negative.

Active surveillance in animals continued in 3 localities in Brăila and Constanța, notified as outbreaks to OIE. Horses were tested by IgM ELISA. All results were negative.

2021-Information gathered during the active surveillance was shared with the Institute for Public Health, in order to help decision making regarding the control of the disease in humans.

During 2021, active surveillance activities were foreseen in animals owned by humans confirmed with West Nile fever. In Dolj county, samples were taken in 1 backyard from birds (hens and pigeons). The results for IgG ELISA were positive for pigeons and negative for hens.

Active surveillance in animals continued in 2 localities in Brăila county, notified as outbreaks to OIE. Horses were tested by IgM ELISA. All results were negative.

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

6.4. Additional information

* For each zoonotic agent

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

(b): If applicable

7. General evaluation: Rabies

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

In 2011 was made the oral vaccination of foxes in 16 counties (Arad, Alba, Bihor, Mures, Maramures, Bistrita Nasaud, Brasov, Cluj, Covasna, Caras-Severin, Harghita, Hunedoara, Salaj, Sibiu, Satu Mare, Timis) in West and center of Romania, which is the entire territory bounded by the Carpathian Mountains. The baits distribution included Hungarian, Serbian and part of Ukrainian border. The vaccination campaigns of foxes with baits were made by air distribution (approximately 20 baits/km²) and manual distribution (approximately 25 baits/km²) in inaccessible places and areas, in the aircraft with significant populations of foxes near towns, national roads, areas considered at risk. The manual distribution was done by the managers of the hunting areas with the official vets. Air distribution was provided by a service provider under contract for each campaign. The oral vaccination of foxes was made with the baits containing the strain SAD Bern. In one bait there is one vaccination virus dose (1.8 ml) closed in aluminum-plastic blister. Round, dark brown bait is made of feed mixture attractive for foxes- strongly fish smell. After vaccination campaigns at 45 days, we started the vaccination evaluation program. Foxes shot were brought to the laboratory by hunting managers according to Article 11 (2) and 12 of HG nr.55/2008. The laboratories worked on flow chart, each fox was controlled by FAT (for rabies diagnosis); then, tests negative was sent to the NRL, the only approved laboratory for examining sera fox rabies antibodies in this direction and the achievement test detection marker "tetracycline" the mandible. In 2012, due to political and legislative changes that took place in Romania, the legal basis for approving the oral vaccination of foxes in the whole territory was not approved until the 1st of June, 2012. Therefore, in Romania the spring vaccination campaign of foxes against rabies was not performed. In August 2012 the legal basis has been approved in order to implement the oral vaccination of foxes in the whole territory. We are currently in conflict with the company of aerial distribution of vaccinal baits. The NSVFSA makes all efforts to implement (perform) the oral vaccination campaign of foxes. The NSVFSA addressed to The Ministry of National Defense, by requesting the support for the carrying out of autumn campaign in 2012, by air distribution of antirabies vaccines, as vaccinal baits for foxes, but from legal and economic reasons, this could not be carried out. From these reasons, in the autumn of 2012, Romania failed to carry out the vaccination of foxes by manual distribution to dens of 80475 vaccinal baits (58.680 national vaccination +21.795 emergency vaccination in counties AG, DB, PH, VN) in 41 counties. In the autumn of 2012, there has been purchased a number of 80.520 baits, of which 40 baits were sampled for testing for establishing the stability of vaccinal titre and 5 baits being kept as counter samples. Of 40 baits samples, 16 baits were tested for virus titre and stability of virus titre. In 2013, the conflict with the company of aerial distribution of vaccinal baits was resolved and the aerial vaccination was performed on the whole territory of the country of 41 counties. There have been distributed a number of 7774398 of baits in total, in two vaccination campaigns, in spring and in autumn. The spring vaccination of foxes was carried out by air distribution of baits (number of 3.846.098 baits with an approx. 20 baits/km²) and also by manual distribution (number of 57499 baits) around localities and areas difficult to reach by plane (approximately 25 baits/km²). The autumn vaccination of foxes was carried out by air distribution of a number of 3.928.300 baits and also by manual distribution (58.715 baits). Concerning the baits testing, a number of 580 baits were tested and a number of 350 baits were kept as counter samples. After vaccination campaigns at 45 days, we started the vaccination evaluation program. The shot foxes were brought to the laboratory by hunting managers according to Article 11 (2) and 12 of HG nr.55/2008.

The laboratories worked on flow chart, each fox was controlled by FAT (for rabies diagnosis); then, the negative tests was sent to the NRL, the only approved laboratory for examining sera fox rabies antibodies in this direction and the achievement test detection marker "tetracycline" the mandible.

If it is possible co-finance for the vaccination in cats and dogs.

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

In 2014-2017 the whole territory of Romania was vaccinated by baits for foxes. There were two campaigns per year, in spring and in autumn, by air distribution as well as by manual distribution. In 2018 no oral rabies vaccination of foxes occurred.

In 2019, the foxes from whole territory of Romania were vaccinated with baits, in two campaigns (spring and autumn).

Was controlled by FAT (for rabies diagnosis) 7975 animals, from which 7146 were hunted foxes. Of the 7975 animals tested, 4 animals were found positive (1 bovine, 2 foxes and 1 wild boar). The positive cases were tested by PCR and the animals were infected with wild strain.

In 2020, the foxes from whole territory of Romania were vaccinated with baits, in two campaigns (spring and autumn).

Was controlled by FAT (for rabies diagnosis) 6146 animals, from which 5499 were hunted foxes. Of the 6146 tested animals, 5 animals were found positive (2 bovines, 1 foxes and 2 dogs). The positive cases were tested by PCR and the animals were infected with wild strain only.

In 2021, there wasn't any foxes' vaccination campaign.

For rabies diagnosis were tested by FAT 5449 animals, from which 4892 were foxes. Of the 5449 tested animals, 5 animals were found positive (4 bovines and 1 foxes). The positive cases were tested by PCR and the animals were infected with wild strain only.

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

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7.4. Additional information

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* For each zoonotic agent

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

(b): If applicable

8. General evaluation: Listeriosis

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

Clinical listeriosis is mainly a ruminant disease, affecting sheep, goats and cattle. The types of specimens taken are milk, abortion material, uterus excretions and other clinical specimens e.g. lesions from brain, liver, spleen.

Investigations are initiated by the owners of the animals. Testing is performed on owner request and on clinical suspicion.

In 2016 year, were detected 4 positive cases in cattle

In 2016 year, were detected 10 positive cases in sheep

In 2017 year, were detected 3 positive cases in cattle

In 2017 year, were detected 3 positive cases in goats

In 2017 year, were detected 11 positive cases in sheep

In 2018 year, were detected 2 positive cases in cattle.

In 2018 year, were detected 2 positive cases in goats

In 2018 year, were detected 8 positive cases in sheep

In 2018 year, were detected 2 positive cases in pigs

In 2019 year, were detected 7 positive cases in cattle

In 2020 year, were detected 3 positive cases in sheep

In 2020 year, were detected 1 positive cases in pig

In 2020 year, were detected 3 positive cases in cattle

In 2021 year, were detected 13 positive cases in sheep

In 2021 year, were detected 3 positive cases in cattle

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

-

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

-

8.4. Additional information

Write text here please

9. General evaluation: Q Fever

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

Q fever is a zoonotic disease caused by *Coxiella burnetii*, a stable bacteria that resists to heat, drying and many common disinfectants. This resistance enables the bacteria to survive for a long period in the environment. Cattle, sheep, and goats are the main reservoirs but a wide variety of other animals can be contaminated, including domestic pets. *Coxiella burnetii* does not usually cause clinical disease in these animals, although an increased abortion rate and fertility problems in cattle, sheep and goats are observed. The emergence of these common symptoms over a longer period of time leads finally to the diagnosis of Q fever. Organisms are excreted in milk, urine, and faeces by infected animals. Animals shed the organisms especially during parturition within the amniotic fluids and the placenta. Airborne transmission can occur in premises contaminated by placental material, birth fluids or excreta from infected animals. Airborne inhalation is an important transmission route of infection.

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

Livestock farmers, dairy workers, veterinarians, slaughterhouse and meat processing plant workers, and researchers at laboratories or facilities housing susceptible animals are especially concerned and have to be informed about this disease, the possible transmission of infection and preventive measures to be respected.

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

9.4. Additional information

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10. Description of Monitoring/Surveillance/Control programmes system: *Trichinella* spp. in pigs (organ/tissue) - food sample

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

The sampling designs were according to the provisions of the Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated which is according with the provisions of Regulation 2015/1375/EC, sampling is performed for all pigs slaughtered, intended to human consumption, in order to detect *Trichinella* spp.

The *type of specimen* taken is diaphragm pillars and in the absence of diaphragm pillars, the following specimens are taken: the rib part or the breastbone part of the diaphragm, the jaw muscles, tongue or abdominal muscles.

Diagnostic/analytical methods used for detection *Trichinella* is artificial digestion methods on individual samples and/or on pooled samples.

Definition of positive finding – animal in which *Trichinella* spp. larvae have been detected.

10.2. Measures in place^(b)

Sampling is compulsory for all pigs slaughtered in order to detect *Trichinella* spp. and to avoid human trichinelosis. A positive laboratory finding of *Trichinella* spp. it is followed by a notification to RASFF to all levels (central, regional and local). Pig meat infested with *Trichinella* spp. is withdrawn from human consumption and sent to the neutralization establishments, in order to be denatured.

All positive samples (larvae detected in meat from pigs) were sent to identify the species of *Trichinella* to National Reference Laboratory for *Trichinella* (N.R.L.) which is organized in Institute of Hygiene and Veterinary Public Health (I.H.V.P.H.).

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

During the year 2011, in Romania were detected a total number of 264 positive cases of *Trichinella* spp. in pigs.

During the year 2012, in Romania were detected a total number of 171 positive cases of *Trichinella* spp. in pigs. In 2012 for pigs raised in backyards was observed a decrease of percent of positive cases, with 33,97%, compared with 2011.

In 2013, 193 positive cases in fattening pigs from backyards were detected and was observed an increase of percent of positive cases, with 12,90 % compared with 2013.

In 2014, 141 positive cases in fattening pigs from backyards were detected.

In 2015, 87 positive cases in fattening pigs from backyards were detected .

In 2016, the 151 cases of trichinella detected are related to 120 positive cases registered in fattening pigs raised in backyards (meat from pig not raised under controlled housing conditions) and 31 positive cases to fattening pigs raised in farms (meat from pig not raised under recognised controlled housing conditions).The cases of *Trichinella* detected are related to the positive cases registered in meat and products thereof

In 2017, the 120 cases of trichinella detected are related to fattening pigs raised in backyards (meat from pig not raised under controlled housing conditions). In 2017, in one of the samples two different species were identified (coinfection with *T. Pseudospiralis* and *T. Britovi*).

In 2018, the 134 cases of trichinella detected were registered to fattening pigs raised in backyards (meat from pig not raised under controlled housing conditions).

In 2019, the 79 cases of trichinella detected were registered to fattening pigs raised in backyards (meat from pig not raised under controlled housing conditions). It can be observed a declining trend of positive cases in Romania compared to the period 2016-2018.

In 2020, the 91 cases of trichinella detected were registered to fattening pigs raised in backyards (meat from pig not raised under controlled housing conditions). In one of the samples two different species were identified (coinfection with *T. spiralis* and *T. Britovi*).

In 2021, the 81 cases of trichinella detected were registered to fattening pigs raised in backyards (meat from pig not raised under controlled housing conditions).

Comparison of the *Trichinella* species found in pigs, meat from pig and human cases helps to suggest possible sources of infection in the food chain.

10.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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. Description of Monitoring/Surveillance/Control programmes system: *Salmonella* spp. in Meat from bovine and products thereof - food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), the susceptibility testing of *Salmonella* from bovine meat and products thereof is a part of the program. According to the provisions of the Romanian National Surveillance Program, all food industry establishments are classified into 3 categories, based on the risk assessment provided by the official vets acting at regional/county Sanitary Veterinary and Food Safety Directorates level: category III - high risk; category II - medium risk; and category I - low risk. The samples for monitoring and testing of *Salmonella* are compulsory taken by the official vets acting at slaughterhouses, cutting plants, meat processing plant on the base of risk assessment of establishments.

The *control program* for *Salmonella* spp., according to the provisions of the Romanian National Surveillance Program, approved by Order of the N.S.V.F.S.A. no 35/2016 (with subsequent amendments and completions) and in accordance with European Union regulations, includes sampling and analysis, as follows:

A) Sampling at meat processing plant including minced meat, meat preparation, and meat products (from food producing species) placed on the market and during the period of validity for the testing of *Salmonella* spp., as a food safety criteria.

B) Sampling at slaughterhouses from bovine carcasses shall be sampled on the surface of carcasses of this species by the non-destructive method using abrasive sponges for the testing of *Salmonella* spp. as a hygiene criterion of the technological process.

The *type of specimen* taken according to the stage of sampling is:

- At slaughterhouse and cutting plant - Surface of carcass, fresh meat (muscle tissue) and offal (liver, kidney);
- At meat processing plant - Meat products, meat preparation, minced meat;
- Retail - Raw material (fresh meat) and finish products (meat products, meat preparations, minced meat).

The samples for monitoring and testing of *Salmonella* are taken by the official vets acting at *slaughterhouses, cutting plants, meat processing plant* on the base of risk assessment of establishments.

From *retail* the samples of meat from bovine and products thereof for monitoring and testing of *Salmonella* are taken by the official vets annually and also in any case of: consumer complaints, suspicions or food borne outbreaks.

Methods of sampling (sampling techniques):

At slaughterhouse and cutting plant - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food business operators own control programmes. Sample sites must be selected taking into account the slaughter technology used in each plant and five carcasses shall be sampled at random during each sampling session. The sampling for *Salmonella* analyses is performed using an abrasive sponge sampling method. Areas most likely to be contaminated shall be selected. The total sampling area shall cover a minimum of 400 cm². For bovine meat including fresh meat (muscle tissue) and offal (liver, kidney) at slaughterhouse level and for fresh meat at cutting plant level the final sample it is obtained in the lab and consists of at least 25 grams of each product.

At meat processing plant - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food business operators own control programmes. For meat from bovine, for the matrix which are found in Regulation 2005/2073 a sample consists of 5 pooled sample; and for the matrix which are not found in Regulation 2005/2073, but are mentioned in The National Surveillance Program, a tested unit consists of 1 sample. According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, the food business operators of establishments producing minced meat, meat preparations or mechanically separated meat shall take samples for microbiological analysis at least once a week. The day of sampling shall be changed each week to ensure that each day of the week is covered. In the case of sampling for *Salmonella* analyses of minced meat, meat preparations

and carcasses, the frequency may be reduced to fortnightly if satisfactory results have been obtained for 30 consecutive weeks.

At retail - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food bussiness operators own control programmes.

Diagnostic/analytical methods used for detection and serotyping Salmonella is microbiological method: EN ISO 6579 - detection and serotyping (Kauffmann White Le Minor scheme).

Definition of positive finding - Bovine meat and products thereof are considered to be positive when Salmonella spp. is isolated by the microbiological method.

11.1. Measures in place^(b)

A positive laboratory finding of Salmonella spp. it is followed by a notification to RASFF to all levels (central, regional and local). Then all the food chain it is controlled in order to identify the source of contamination. If the sample of meat from bovine and products thereof is detected positive for Salmonella spp. at the level of retail establishments, whole the contaminated batch will be declared unfit for human consumption and will be officially withheld and withdrawn from human consumption

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2015, 1 strain of Salmonella was isolated in meat from bovine and products thereof.

In 2016, were isolated 5 strains of Salmonella in meat from bovine and products thereof and.

In 2017, were isolated 3 strains of Salmonella in meat from bovine.

In 2018, 1 strain of Salmonella was isolated in meat from bovine.

In 2019, 11 strains of Salmonella were isolated in meat from bovine.

In 2020, 14 strains of Salmonella were isolated in meat from bovine and products thereof and.

In 2021, 9 strains of Salmonella were isolated in meat from bovine and products thereof.

Bovine meat is not considered to be an important source of infection with Salmonella at human cases in Romania

11.4. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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).

12. Description of Monitoring/Surveillance/Control programmes system: Salmonella in animal – Breeding hens and Laying hens of *Gallus gallus* (fowl) - Farm - animal sample - Control and eradication programmes

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

Laying hens flocks

Starting with 2008 in Romania was implemented the National Salmonella control programme in laying hens flocks of *Gallus gallus*.

The main objective of our programme for the reduction of *Salmonella enteritidis* and *Salmonella typhimurium* in adult laying hens of *Gallus gallus* shall be a reduction of the maximum 2% percentage of positive adult laying flocks according to Regulation (EC) No 2160/2003 and Regulation (EC) 517/2011. The National Control Programme for Salmonella in laying flocks will be held in all holdings of laying hens consisting of at least 350 poultry of *Gallus gallus* which produce eggs for human consumption. Laying hens holdings which have between 350 and 1000 of birds will not be the subject of official testing, but will perform tests on the initiative of operators (self-control). Small flocks that are reared to supply eggs for private domestic use, or small quantities of primary product supplied directly by the producer to the final consumer, will be exempt, as permitted in Regulation (EC) No 2160/2003 Article 1.3. The National Salmonella Control Programme encompasses the following serovars of zoonotic Salmonella: *Salmonella enteritidis* and *Salmonella typhimurium*. The sampling programme will be in accordance to Regulation 2160/2003 EC and Regulation 517/2011 EC.

Breeding flocks

Starting with 2007 in Romania was implemented the National Salmonella control programme in breeding flocks of *Gallus gallus*. The sampling frame cover all adult breeding flocks comprising at least 250 birds. Sampling at the initiative of the operator and official sampling. Operator checks: -day -old chicks, -four-week-old birds, -birds two weeks before moving to laying phase or laying unit and every second week during the laying period. Official sampling include: -within four weeks following moving to laying phase/laying unit, -toward the end of the laying phase, not earlier than eight weeks before the end of production cycle and -during the production, at any time sufficiently distant from sample referred above.

Frequency of the sampling:

Day-old chicks

Breeding flocks -: every flock is sampled (sampling at the initiative of the operator)

Laying hens: No official sampling; only samples taken by operators (self control)

Rearing period

Breeding flocks: When birds are 4 weeks old and 2 weeks before moving to laying phase/laying unit (sampling at the initiative of the operator)

Laying hens: No official sampling; only samples taken by the operators (self control)

Production period:

Breeding flocks - Every 2 weeks during the production period (sampling at the initiative of the operator)

Laying hens: Monitoring by operators shall take place according to Regulation (EC) No 517/2011 Annex Point 2: every 15 weeks starting when the birds are 22- 26 weeks of age.

Type of samples taken:

Day-old chicks

internal linings of delivery boxes, dead chicks, meconium, etc

Rearing period

Environmental sample: boot swabs or composite faeces

Production period

Environmental sample: boot swabs or composite faeces

Methods of sampling (description of sampling techniques):

Day-old chicks:

Breeding flocks

Samples comprising the following from each hatchery sup chick box liners (one liner per 500 chicks to maximum 10 liners) and all chicks dead on arrival (up to maximum of 60).

Laying hens:

- (a) One chick box liner, up to a maximum of 10, for every 500 chicks delivered from each hatchery. Samples taken on the day of arrival.
- (b) The carcasses of all chicks, up to a maximum of 60, from each hatchery which are dead on arrival.

Rearing period

Breeding flocks:

- minimum of 2 pairs of boot swabs or
- composite faeces sample made up from individual 1g faeces samples selected at random from sites to represent the whole building/space available to the birds. The size of the sample required is determined by the number of birds in the building/ flock.

Laying hens: minimum 2 pairs of boot swabs per house, or composite faeces sample taken according to the Council Regulation (EC) No 517/2011.

Production period

Breeding flocks:

- minimum of 5 pairs of boot swabs or
- composite faeces sample made up from individual 1g faeces samples selected at random from sites to represent the whole building/space available to the birds. The size of the sample required is determined by the number of birds in the building/ flock.

In addition to the sampling above, 3 sets of Official Control Samples are collected from each breeding flock as follows:

- a) within 4 weeks of moving to the laying accommodation,
- b) in the middle of the lay, and
- c) within the last 8 weeks of production.

Laying hens: Samples taken by the operators and samples taken by the Official samples consist in boot swabs/faeces, and dust samples Eggs at packing centre (flock based approach) Surface of egg shells and mixture of white and yellow.

Diagnostic/analytical methods used

Bacteriological method : ISO 6579-1:2017/A1:2020

11.3. Measures in place^(b)

Case definition

Samples taken by operators are sent to authorized laboratories for examination. Isolates are sent to the NRL for serotyping and phage typing and priority is given to any isolate culture result Group B or Group D. Epidemiological unit is flock. A positive case is a flock, where positive result in laboratory tests for detection of Salmonella was confirmed. In order to exclude false-positive initial results, the competent authority may lift the restrictions laid down in point 2 of this Part: (a) when the flock of layers is not the source of infection for humans by the

consumption of eggs or egg products as a result of the epidemiological investigation of food-borne outbreaks in accordance with Article 8 of Directive 2003/99/EC; and

(b) where the flock is subjected to a Salmonella national control programme and Salmonella serotypes which a target for reduction has been set, is not confirmed by the following sampling protocol carried out by the competent authority:

- (i) the technical specifications referred to in Article 5 of Commission Decision 2004/665/EC (seven samples); however, a sub-sample of 25 grams must be collected of each faecal material and dust sample for analysis; all samples must be analysed separately; or
- (ii) bacteriological investigation of the caecal and oviducts of 300 birds; or
- (iii) bacteriological investigation of the shell and the content of 4 000 eggs of each flock in pools of maximum 40 eggs. In addition to the sampling in point (b), the competent authority shall verify the absence of the use of antimicrobial, potentially affecting the result of the analysis of the sampling.

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

On the basis of National Control Programme 5 serotypes in breeding flocks are under control. Target serovars of Salmonella (SE+ST+SI+SH+SV) in breeders are mandatory notified according to national

legislation (President Order no. 79/2009 with the followed amendments). The owner is responsible for the health and welfare of the poultry on the holding, and for ensuring that a veterinarian is consulted on disease and welfare issues as appropriate. It is mandatory for each holding to have a contract with a private veterinarian who is responsible for veterinary care. A veterinarian on behalf of the the Competent Authority carries out inspections on farms for animal health and welfare reasons, to take samples for residues, and to check medicine records. Also a veterinarian on behalf of the Competent Authority visit the farms and take official samples in the framework of Salmonella NCP according with the legislation in force.

Target serovars of Salmonella (SE+ST) in laying hens are mandatory notified according to national legislation (President Order no. 79/2009 with the followed amendments). The owner is responsible for the health and welfare of the poultry on the holding, and for ensuring that a veterinarian is consulted on disease and welfare issues as appropriate.

It is mandatory for each holding to have a contract with a private veterinarian who is responsible for veterinary care. A veterinarian on behalf of the the Competent Authority carries out inspections on farms for animal health and welfare reasons, to take samples for residues, and to check medicine records. Also a veterinarian on behalf of the Competent Authority visit the farms and take official samples in the framework of Salmonella NCP according with the legislation in force. It is mandatory for each county sanitary veterinary and food safety directorate (local CA) to report to the NSVFSA every month the number of samples and results of these tests for each flock. Also the Salmonella NRL has the obligation to notify immediately NSVFSA and CSVFSD each positive sample for the relevant Salmonella.

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

Results of the investigation National evaluation of the recent situation, the trends and source of infection- Starting to 2008 obligatory National control programme for Salmonella is in place, according to Regulation 2160/ 2003. As a result, the number of Salmonella Enteritidis and Salmonella Typhimurium infected laying hens flocks is currently below the Community target. During 2015, a totally of 683 laying hens flocks were tested for Salmonella and there were only 10 flocks positive for Salmonella Enteritidis . The prevalence for the target serotypes in laying hens flock in 2015 was 1,46%, which is low and below the Community target. In 2016 a totally of 617 laying hens flocks were tested for Salmonella and there were only 7 flocks positive for Salmonella Typhimurium and Salmonella Enteritidis . The prevalence for the target serotypes in laying hens flock in 2016 was 1,1%, which is low and below the Community target. History of the disease and/or infection in the county The programme for the control of Salmonella Enteritidis and Salmonella Typhimurium in laying hens has been in operation in Romania from 2008. Between 2008 and 2017 a decrease of the positive cases was noticed.

In 2017, totally no. of 1056 laying hens flocks were tested for Salmonella infection and was positive flocks for Salmonella Enteritidis.

In 2018, totally no. of 1096 laying hens flocks were tested for Salmonella infection and was 2 positive flocks for Salmonella Enteritidis

In 2019, totally no. of 1132 laying hens flocks were tested for Salmonella infection and was 9 positive flocks for Salmonella Enteritidis (8) and Typhimurium (1).

In 2021, 873 adults laying hens flocks were tested for the targeted Salmonella serovars and 6 positive flocks for Salmonella Enteritidis were found. The prevalence of the Salmonella targeted serovars in 2021 was 0.69%.

Starting to 2007 obligatory National control programme for Salmonella is in place, according to Regulation 2160/ 2003. As a result, the number of Salmonella target serovars infected breeder flocks is currently below the Community target. During 2015, a totally of 318 breeder flocks were tested for Salmonella and there were no positive flocks. The prevalence for the target serotypes in breeder flocks in 2015 was 0%, which is low and below the Community target. In 2016 a totally of 377 breeder flocks were tested for Salmonella and there were only 3 flocks positive for Salmonella Infantis. The prevalence for the target serotypes in breeder flocks in 2016 was 0,8%, which is low and below the Community target.

In 2017, totally no. of 656 breeder flocks were tested for Salmonella infection and was 1 positive flocks for Salmonella Typhimurium and 1 positive flocks for Salmonella Infantis.

In 2018, totally no. of 704 breeder flocks were tested for Salmonella infection and was 1 positive flocks for Salmonella Infantis and 2 positive flocks for Salmonella Enteritidis.

In 2019, totally no. of 744 breeding flocks of *Gallus gallus* were tested for *Salmonella* infection and was 3 positive flocks for *Salmonella* Typhimurium (2) and *Salmonella* Infantis (1).
In 2021, no positive infected flocks there were out of 462 adult breeding hens flocks raised and tested in Romania.

11.6. Additional information

Vaccination for salmonella is optional. Live *Salmonella* vaccines are not used in the framework of national control programme where the manufacturer does not provide an appropriate method to distinguish bacteriological wild-type strains of salmonella from vaccine strains. A large proportion of the commercial layer flocks are vaccinated with a *Salmonella* vaccine.

*** 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* in animal – Broiler of *Gallus gallus* and turkeys (fowl) - Farm - animal sample - Control and eradication programmes

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

Sampling strategy

The main objective of Romania National Control programme for the reduction of *Salmonella* Enteritidis and *Salmonella* Typhimurium and in broilers flocks of *Gallus gallus* and turkeys flocks is a reduction of the maximum percentage of positive flocks to 1 % or less. In broiler/turkeys flocks all isolation of *Salmonella* must be reported to the Competent authority. In Romania holdings of broiler/turkeys flocks where *S. Enteritidis* and *S. Typhimurium* have been isolated are given advice on *Salmonella* control and a visit to carry out an epidemiological enquiry as appropriate. The National Control Programme for *Salmonella* in broiler flocks of *Gallus gallus* was put in place in 01 January 2009. Starting with 01 January 2009 the National Control Programme for *Salmonella* in broilers was held in all holdings of broiler flocks consisting of at least 500 poultry of *Gallus gallus*. Broilers holdings which have between 500 and 5,000 of birds were not the subject of official testing, but they perform tests on the initiative of operators (self-control) within 3 weeks prior to depopulation and sending the birds abattoir.

Frequency of the sampling: before slaughter at farm within 3 weeks prior to moving to the slaughter/depopulation

Type of specimen taken :boot swabs

Methods of sampling: Before sending animals to slaughter, at farm operators were required to implement the sampling programme. Two pairs of boot sock/swabs were taken by the operator within the period of three weeks before the birds are due for slaughter. The samples were taken in sufficient time for the laboratory results to be known before the birds are transported to the slaughter house. It is important to know the *Salmonella* status of the flock before the first birds are slaughtered. Samples were submitted to a laboratory authorized by the Competent Authority and which applies quality assurance systems that conform to the requirements of the current EN/ISO standard. Official control: Each year at least 10% of holdings with more than 5,000 birds were selected and at least one flock on the holding were sampled by Animal Health, or other authorized agent, acting on behalf of the Competent Authority, who took an official sample. In addition, attention was given to flocks where there have been previously positive *Salmonella* findings in the samples taken by the operators. Particular attention was given to holdings where *S. Enteritidis* or *S. Typhimurium* has been isolated from samples. When an official sample was

taken it may replace the sample required to be taken by the operator. In accordance with Regulation (EC) No. 200/2012 Annex point 1 (c) the operator of a broiler holding may make an application to the Competent Authority for a derogation not to sample all flocks on the holding.

Sampling protocol: for each flock at least two pairs of boot/sock swabs shall be taken. All boot/sock swabs must be pooled into one sample. For free range broiler flocks, samples shall only be collected in the area inside the house. Before using the boot/sock swabs, their surface shall be moistened with deionised water, or sterile water or any other diluents approved by the national reference laboratory referred to in Article 11 of Regulation (EC) No 2160/2003. The use of farm water containing antimicrobials or additional disinfectants shall be prohibited. The recommended way to moisten boot swabs shall be to pour the liquid inside before putting them on. It shall be ensured that all sections in a house are represented in the sampling in a proportionate way and that at least 100 steps are taken with each pair of boot swabs. Each pair should cover about 50 % of the area of the house. On completion of sampling the boot/sock swabs shall be carefully removed so as not to dislodge adherent material. Boot swabs may be inverted to retain material. They shall be placed in a bag or pot and labelled to identify the flock sampled, and the date the samples were taken. According to the provisions of the Order of President on National Sanitary Veterinary and Food Safety Authority no.34/2006, transposing into Romanian legislation the Directive 2003/99/EC, all the Salmonella spp. strains isolated in foodstuffs derived from products of animal origin were compulsory tested for the antimicrobial resistance.

Diagnostic/analytical methods used: Bacteriological method: ISO 6579-1:2017/A1:2020

13.2. Measures in place^(b)

According to the Romanian program of surveillance, prevention and animal disease control, approved by President Order, feeding stuffs intended for poultry nutrition are checked in view to avoid the contamination with Salmonella spp. Also, in conformity with the same legislation the feed stuffs are checked in view to detect the use of antibiotics. Residues examination is performed according to the Romanian annual plan for examination for residues in live animals and animal origin products. For broiler, hens, turkeys, other poultry a sample consists on one or more animals depending on the requirements of the analytical methods. For each category of poultry considered, the minimum number of samples to be taken each year must be at least equal to one per 200 tons of annual production, with a minimum of 100 samples for each group of substances if the annual production of the category of birds considered is over 5 000 tones.

According to the provisions of N.S.V.F.S.A. President Order 147/2006, Regulation 2160/2003/EC, the following measures are to be adopted in order to prevent the dissemination of Salmonella enteritidis, Salmonella typhimurium, into commercial holdings. Animals from infected flocks belonging to commercial holdings are to be kept isolated and special conditions apply for removal of these animals. No bird may leave the house concerned unless the competent authority has authorized the slaughter or/and destruction under supervision of slaughter in a slaughterhouse designated by the competent authority. All the birds in the house must be slaughtered in accordance with the provisions of the REGULATION (EC) No. 853/2004 laying down specific hygiene rules for food of animal origin in order to reduce as much as possible the risk of spreading Salmonella.

In case of suspicion or confirmation of Salmonella enteritidis or Salmonella typhimurium the NRL shall notify immediately the N.S.V.F.S.A. and local S.V.F.S.D. In case of suspicion of infection the local S.V.F.S.D. and the relevant authorities: prohibited the movement of broilerstake. When the broilers are confirmed for the presence of Salmonella enteritidis or Salmonella typhimurium:

1. Fresh meat from broilers may be placed on the market on the condition that it meets the requirement of absence of Salmonella in 25 grams from the meat.
2. The requirement laid down in point 1 does not apply to fresh poultry meat destined for heat treatment or another treatment to eliminate salmonella in accordance with Community legislation on food hygiene.
3. The criterion laid down in point 1 does not apply to fresh poultry meat destined for industrial heat treatment or another treatment to eliminate salmonella in accordance with Community legislation on food hygiene. Competent Authority will notify the operator to clean and disinfect the building from which the infected flock originated. After depopulation of a positive flock it is mandatory to harvest official samples to verify the efficiency of disinfections. In case that the results of these samples are not properly, it is mandatory to perform once again in the house the decontamination procedures and to take again official samples for verify the efficiency of disinfections. The house will be repopulated only when the results of

the testes will be properly. A flock positive for a specific serotype will be recorded only once for that serotype. Operators with a flock which is positive for *S. Enteritidis* or *S. Typhimurium* will be contacted by the Competent Authority for advice on how to reduce or eliminate the Salmonella. Advice on the control of Salmonella in broilers will be available from government experts on Salmonella control. Advice may include recommendations on management, cleaning and disinfection, pest control, biosecurity, monitoring, and the potential use of other aids in the control of Salmonella.

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

Target serovars of Salmonella (SE+ST) in broiler/turkeys flocks are mandatory notified according to national legislation (President Order no. 79/2009 with the followed amendments). The owner is responsible for the health and welfare of the poultry on the holding, and for ensuring that a veterinarian is consulted on disease and welfare issues as appropriate. It is mandatory for each holding to have a contract with a private veterinarian who is responsible for veterinary care. A veterinarian on behalf of the Competent Authority carries out inspections on farms for animal health and welfare reasons, to take samples for residues, and to check medicine records. Also a veterinarian on behalf of the Competent Authority visit the farms and take official samples in the framework of Salmonella NCP according with the legislation in force. It is mandatory for each county sanitary veterinary and food safety directorate (local CA) to report to the NSVFSA every month the number of samples and results of these tests for each flock. Also the Salmonella NRL has the obligation to notify immediately NSVFSA and CSVFSD each positive sample for the relevant Salmonella.

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

National evaluation of the recent situation, the trends and source of infection- The programme for the control of Salmonella Enteritidis and Salmonella Typhimurium in broiler flocks has been in operation in Romania from 2008. As a result, the number of Salmonella Enteritidis and Salmonella Typhimurium infected broiler flocks is currently below the Community target. During 2015, a totally of 11619 broiler flocks were tested for Salmonella infection and there were 39 positive flocks for Salmonella Typhimurium and Salmonella Enteritidis. The prevalence for the target serotypes in broiler flocks in 2015 was 0,3%. In 2016, totally no. of 11945 broiler flocks were tested for Salmonella infection and there were 45 positive flocks for Salmonella Enteritidis. The prevalence for the target serotypes in broiler flocks in 2016 was 0,4%. However there is one notes of an increase of Salmonella outbreaks evolution in broilers flocks in semester two of year 2015 and semester 1 of 2016. The source of infection was represented by one day old chicks with origin from intra-trade movements.

In 2017, totally no. of 12549 broiler flocks were tested for Salmonella infection and there were 2 positive flocks for Salmonella spp: 1 positive flock of Salmonella Enteritidis and 1 positive flock of Salmonella Typhimurium.

In 2018, totally no. of 12672 broiler flocks were tested for Salmonella infection and there were 3 positive flocks for Salmonella Salmonella Enteritidis.

In 2019, totally no. of 12796 broiler chickens flocks were tested for Salmonella infection and was 4 positive flocks for Salmonella Enteritidis (2) and Salmonella Typhimurium (2).

13520 broiler flocks were tested for Salmonella spp. and 26 positive flocks were found for the targeted serovars with the prevalence of 0.19%.

13.5. Additional information

The programme for the control of Salmonella Enteritidis and Salmonella Typhimurium in broiler flocks has been in operation in Romania from 2008.

*** 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* spp. in Meat from pig and products thereof - food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), the susceptibility testing of *Salmonella* from pig meat and products thereof is a part of the program. According to the provisions of the Romanian National Surveillance Program, all food industry establishments are classified into 3 categories, based on the risk assessment provided by the official vets acting at regional/county Sanitary Veterinary and Food Safety Directorates level: category III - high risk; category II - medium risk; and category I - low risk. The samples for monitoring and testing of *Salmonella* are compulsory taken by the official vets acting at slaughterhouses, cutting plants, meat processing plant on the base of risk assessment of establishments.

The *control program* for *Salmonella* spp., according to the provisions of the Romanian National Surveillance Program, approved by Order of the N.S.V.F.S.A. no 35/2016 (with subsequent amendments and completions) and in accordance with European Union regulations, includes sampling and analysis, as follows:

A) Sampling at meat processing plant including minced meat, meat preparation, and meat products (from food producing species) placed on the market and during the period of validity for the testing of *Salmonella* spp., as a *food safety criteria*.

B) Sampling at slaughterhouses from pig carcasses shall be sampled on the surface of carcasses of this species by the non-destructive method using abrasive sponges for the testing of *Salmonella* spp. as a *hygiene criterion of the technological process*.

The *type of specimen* taken according to the stage of sampling is:

- At slaughterhouse and cutting plant - Surface of carcass, fresh meat (muscle tissue) and offal (liver, kidney);
- At meat processing plant - Meat products, meat preparation, minced meat;
- At retail - Raw material (fresh meat) and finish products (meat products, meat preparations, minced meat).

The samples for monitoring and testing of *Salmonella* are taken by the official vets acting at slaughterhouses, cutting plants, meat processing plant on the base of risk assessment of establishments.

From retail the samples of meat from pig and products thereof for monitoring and testing of *Salmonella* are taken by the official vets annually and also in any case of: consumer complaints, suspicions or food borne outbreaks.

Methods of sampling (sampling techniques):

At slaughterhouse and cutting plant - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food business operators own control programmes. Sample sites must be selected taking into account the slaughter technology used in each plant and five carcasses shall be sampled at random during each sampling session. The sampling for *Salmonella* analyses is performed using an

abrasive sponge sampling method. Areas most likely to be contaminated shall be selected. The total sampling area shall cover a minimum of 400 cm². For pig meat including fresh meat (muscle tissue) and offal (liver, kidney) at slaughterhouse level and for fresh meat at cutting plant level the final sample is obtained in the lab and consists of at least 25 grams of each product.

At meat processing plant - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food business operators own control programmes. For meat from pig, for the matrix which are found in Regulation 2005/2073 a sample consists of 5 pooled sample; and for the matrix which are not found in Regulation 2005/2073, but are mentioned in The National Surveillance Program, a tested unit consists of 1 sample. According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, the food business operators of establishments producing minced meat, meat preparations or mechanically separated meat shall take samples for microbiological analysis at least once a week. The day of sampling shall be changed each week to ensure that each day of the week is covered. In the case of sampling for Salmonella analyses of minced meat, meat preparations and carcasses, the frequency may be reduced to fortnightly if satisfactory results have been obtained for 30 consecutive weeks.

At retail - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food business operators own control programmes.

Diagnostic/analytical methods used for detection and serotyping Salmonella is microbiological method: EN ISO 6579 - detection and serotyping (Kauffmann White Le Minor scheme).

Definition of positive finding – meat from pig and products thereof are considered to be positive when Salmonella spp. is isolated by the microbiological method.

14.2. Measures in place^(b)

A positive laboratory finding of Salmonella spp. is followed by a notification by RASFF to all levels (central, regional and local). Then all the food chain it is controlled in order to identify the source of contamination. If the sample of meat from pig and products thereof is detected positive for Salmonella spp. at the level of retail establishments, whole the contaminated batch will be declared unfit for human consumption and will be officially withheld and withdrawn from human consumption.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2015, were isolated 72 strains of Salmonella in meat from pig and products thereof.

In 2016, were isolated 81 strains of Salmonella in meat from pig and products thereof.

In 2017, were isolated 44 strains of Salmonella in meat from pig and products thereof.

In 2018, were isolated 71 strains of Salmonella in meat from pig and products thereof.

In 2019, were isolated 121 strains of Salmonella in fresh meat from pig and products thereof.

In 2020, were isolated 74 strains of Salmonella in fresh meat from pig and products thereof.

In 2021, were isolated 81 strains of Salmonella in fresh meat from pig and products thereof.

Fresh meat from pig and products thereof can be considered an important source of infection with Salmonella in Romania.

14.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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 Meat from poultry (of broilers and turkeys) and products thereof - food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) and the susceptibility testing of Salmonella from poultry (broilers and turkeys) and products thereof is a part of the program. According to the provisions of the Romanian National Surveillance Program, all food industry establishments are classified into 3 categories, based on the risk assessment provided by the official vets acting at regional/county Sanitary Veterinary and Food Safety Directorates level: category III - high risk; category II - medium risk; and category I - low risk. The samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses, cutting plants, meat processing plant on the base of risk assessment of establishments.

The *control program* for Salmonella spp., according to the provisions of the Romanian National Surveillance Program, approved by Order of the N.S.V.F.S.A. no 35/2016 (with subsequent amendments and completions) and in accordance with European Union regulations, includes sampling and analysis, as follows:

A) Sampling at meat processing plant including minced meat, meat preparation, and meat products (from food producing species) placed on the market and during the period of validity for the testing of Salmonella spp., as a *food safety criteria*.

B) Sampling at slaughterhouses from poultry carcasses of broilers and turkeys shall be sampled of neck skin for the testing of *Salmonella* spp., as a *hygiene criterion of the technological process*.

The *type of specimen* taken according to the stage of sampling is:

- At slaughterhouse and cutting plant - Surface of carcass, fresh meat (muscle tissue) and offal;
- At meat processing plant - Meat products, meat preparation, minced meat; mechanically separated meat (MSM);
- Retail - Raw material (fresh meat) and finish products (meat products, meat preparations, minced meat).

The samples for monitoring and testing of *Salmonella* are taken by the official vets acting at slaughterhouses, cutting plants, meat processing plant on the base of risk assessment of establishments.

From *retail* the samples of broilers/turkeys and products thereof for monitoring and testing of *Salmonella* are taken by the official vets annually and also in any case of: consumer complaints, suspicions or food borne outbreaks.

Methods of sampling (sampling techniques):

At slaughterhouse and cutting plant - According to the provisions of Regulation 2005/2073/EC, with subsequent amendments and completions, for the *Salmonella* analyzes, a minimum of 15 carcass were sampled at random during each sampling session and after chilling. A piece of approximately 10 g from neck skin was obtained from each carcass. On each occasion the neck skin samples from three carcasses were pooled before examination in order to form 5 x 25 g final samples. For poultry meat including fresh meat (muscle tissue) at slaughterhouse level and at cutting plant level the final sample it is prepared in the lab and consists of at least 25 grams of each product.

At meat processing plant - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food bussiness operators own control programmes. For broilers and turkeys meat, for the matrix which are found in Regulation 2005/2073 a sample consists of 5 pooled sample; and for the matrix which are not found in Regulation 2005/2073, but are mentioned in The National Surveillance Program, a tested unit consists of 1 sample.

At retail - According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, shall be sampled in the framework of National Surveillance Program and of food bussiness operators own control programmes.

Diagnostic/analytical methods used for detection and serotyping *Salmonella* is microbiological method: EN ISO 6579 - detection and serotyping (Kauffmann White Le Minor scheme).

Definition of positive finding – meat from broiler and turkey and products thereof are considered to be positive when *Salmonella* spp. is isolated by the microbiological method.

15.2. Measures in place^(b)

A positive laboratory finding of *Salmonella* spp. it is followed by a notification to RASFF to all levels (central, regional and local). Then all the food chain it is controlled in order to identify the source of contamination. The contaminated batches of broiler/turkey meat are traced back and detent under

restrictions, until the results of Salmonella serotyping is communicated and depending on the serotype of Salmonella the different measures are applied. If the sample of of broiler/turkey meat is found positive for Salmonella Enteritidis and/or Salmonella Typhimurium the whole batch of meat is declared unfitted for human consumption and are denaturated. If the sample of of broiler/turkey meat is found positive for Salmonella spp., other than Salmonella Enteritidis and Salmonella Typhimurium, the broiler /turkey meat will admitted for human consumption only if it is undergone to an adequate heat treatment, under veterinary surveillance and if the results of the microbiological analysis of the heat treated broiler/turkey meat is found negative for Salmonella spp. If the sample of broiler/turkey meat products is found positive for Salmonella spp. the whole batch of broiler/turkey meat products are declared unfitted for human consumption and are denaturated.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2013, were isolated 219 strains of Salmonella in meat from poultry and products thereof (all the strains were from the broiler and none of them from the turkey).

In 2014, were isolated 92 strains of Salmonella in meat from poultry and products thereof (all the strains were from the broiler and none of them from the turkey).

In 2015, were isolated 141 strains of Salmonella in meat from poultry and products thereof (all the strains were from the broiler and none of them from the turkey).

In 2016, were isolated 81 strains of Salmonella in meat from poultry and products thereof (all the strains were from the broiler and none of them from the turkey).

In 2017, were isolated 109 strains of Salmonella in meat from poultry and products thereof (from which 101 meat from broiler and 8 meat from turkey).

In 2018, were isolated 185 strains of Salmonella in meat from poultry and products thereof (from which 170 meat from broiler and 15 meat from turkey).

In 2019, were isolated 217 strains of Salmonella in meat from poultry and products thereof (from which 212 meat from broiler and 5 meat from turkey).

In 2020, were isolated 366 strains of Salmonella in meat from poultry and products thereof (from which 344 meat from broiler, 16 meat from turkey and 6 meat from duck).

In 2021, were isolated 260 strains of Salmonella in meat from poultry and products thereof (from which 252 meat from broiler, 5 meat from turkey and 3 meat from duck).

Meat from poultry can be considered to be an important source of infection with Salmonella in Romania.

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 Egg and egg products - food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) and the susceptibility testing of Salmonella from egg and egg products is a part of the program. The *control program* for Salmonella spp. according to the provisions of the Romanian National Surveillance Program, includes sampling and analysis of eggs and egg products, as follows:

- at egg packing center (EPC) - samples of eggs - once a quarter (trimester);
- at the establishments producing liquid egg - samples of eggs and finish products - once a quarter (trimester),
- at the egg processing units - samples of eggs and finish products - once a quarter (trimester).

From *retail* the samples of eggs and finish products for monitoring and testing of Salmonella are taken by the official vets annually and also in any case of: consumer complaints, suspicions or food borne outbreaks.any situation.

The *type of specimen* taken according to the stage of sampling is:

- at egg packing center (EPC) - Surface of egg shells and egg content
- at the establishments producing liquid egg - Egg white, egg yolk and mixture of white and yolk;
- at the egg processing units - Raw material for egg products (egg white, egg yolk and mixture of white and yolk);
- at retail – egg and egg products.

Diagnostic/analytical methods used for detection and serotyping Salmonella is microbiological method: EN ISO 6579 - detection and serotyping (Kauffmann White Le Minor scheme).

Definition of positive finding – Eggs and egg products are considered to be positive when Salmonella spp. is isolated by the microbiological method.

16.2. Measures in place^(b)

A positive laboratory finding of Salmonella spp. it is followed by a notification to RASFF to all levels (central, regional and local). Then all the food chain it is controlled in order to identify the source of contamination. The contaminated batches of eggs and egg products are traced back and detent under restrictions, until the results of Salmonella serotyping is communicated and depending on trhe seotype of Salmonella the different measures are applied. If the sample of eggs and egg products is found positive for Salmonella Enteritidis and/or Salmonella Typhimurium the whole batch of eggs and egg products is declared unfitted for human consumption and are denaturated. If the sample of eggs and egg products is found positive for Salmonella spp., other than Salmonella Enteritidis and Salmonella Typhimurium, the eggs and egg products will admitted for human consumption only if it is undergone

to an adequate heat treatment, under veterinary surveillance and if the results of the microbiological analysis of the heat treated eggs and egg products is found negative for Salmonella spp.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2013, 1 strain of Salmonella was isolated in eggs.

In 2014, were isolated 3 strains of Salmonella in eggs.

In 2015, were isolated 5 strains of Salmonella in eggs.

In 2016, were isolated 21 strains of Salmonella in eggs.

In 2017, were isolated 8 strains of Salmonella in egg and egg products.

In 2018, were isolated 2 strains of Salmonella in eggs and 31 strains in egg products.

In 2019, were isolated 6 strains of Salmonella in eggs.

In 2020, were isolated 9 strains of Salmonella in eggs.

In 2021, were isolated 10 strains of Salmonella in eggs.

Egg and egg products is not considered to be an important source of infection with Salmonella at human cases in Romania.

16.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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. Description of Monitoring/Surveillance/Control programmes system: Salmonella spp. in Feedingstuffs - feed sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) and the susceptibility testing of Salmonella in feed is a part of the program. The samples for the official control of feed are taken by the official vets acting, units producing compound feed, at farms, at suppliers of raw materials, at warehouses and at the vehicles registered for the transport of feed. Under the Official Feed Control Plan, which is approved each year, samples are taken at random from feed business operators and tested for Salmonella. The types of specimen taken of sampling are: raw materials, compound feed, fats, premixes, roughage.

According to the provisions of the Regulation 2005/183/EC, with subsequent amendments and completions, the feed business operators of establishments producing raw materials and compound feed shall take samples for microbiological analysis.

Diagnostic/analytical methods used for detection and serotyping Salmonella is microbiological method: EN ISO 6579 - detection and serotyping (Kauffmann White Le Minor scheme).

Definition of positive finding – the feedingstuffs are considered to be positive when Salmonella spp. is isolated by the microbiological method.

17.2. Measures in place^(b)

The feeding stuffs for poultry and other animals must be free from Salmonella. Veterinary Inspection conducts random, regular inspection in feeding stuffs production plants, in particular of microbiological standards, types of internal controls used by the owners of these plants to guarantee the appropriate quality of final product.

A positive laboratory finding of Salmonella spp. it is followed by a notification to RASFF to all levels (central, regional and local). The contaminated batches of feedingstuffs are traced back and detent under restrictions, and the different measures are applied.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2013, 27 strains of Salmonella spp. were isolated, from which: 13 feed material of land animal origin, 10 compound feedingstuffs for poultry - laying hens, 6 compound feedingstuffs for pig.

In 2014, 22 strains of Salmonella spp. were isolated, from which: 14 feed material of land animal origin, 6 compound feedingstuffs for poultry - laying hens, 2 feed material of cereal grain origin.

In 2015, 8 strains of Salmonella spp. were isolated, from which: 4 feed material of land animal origin, 1 compound feedingstuffs for pig and 3 feed material of cereal grain origin.

In 2016, 17 strains of Salmonella spp. were isolated in feed, from which: 6 feed material of cereal grain origin, 3 feed material of land animal origin, 5 compound feedingstuffs for poultry and 3 strains in compound feedingstuffs for pig and.

In 2017, 18 strains of Salmonella spp. were isolated in feed, from which: 11 feed material of land animal origin, 3 compound feedingstuffs for poultry, 2 feed material of cereal grain origin and 2 strains pet food - dog snacks.

In 2018, 9 strains of Salmonella spp. were isolated in feed, from which: 1 compound feedingstuffs for pig, 7 compound feedingstuffs for poultry and 1 strain in other feed category.

In 2019, 30 strains of Salmonella spp. were isolated in feed, from which: 1 compound feedingstuffs for cattle, 5 compound feedingstuffs for poultry, laying hens, 4 strains pet food - dog snacks (pig ears), 5 feed material of cereal grain origin, 1 feed material of oil seed - soya (bean) derived, 5 feed material of land animal origin - poultry offal meal and 9 feed material of land animal origin - feather meal.

In 2020, were isolated in feed 21 strains of Salmonella spp. from which: 2 feed material of cereal grain origin – maize derived, 2 feed material of oil seed - soya (bean) derived, 2 feed material of oil seed – sunflower seed derived and 15 feed material of land animal origin - poultry offal meal.

In 2021, were isolated in feed 41 strains of Salmonella spp. from which: 4 compound feedingstuffs for pig, 12 compound feedingstuffs for poultry (not specified) - final product, 12 compound feedingstuffs for laying hens - final product, 5 compound feedingstuffs for broilers - final product, 2 feed material of oil seed – soya derived and 6 feed material of sunflower seed derived.

17.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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).

18. Description of Monitoring/Surveillance/Control programmes system: Salmonellosis, other species, organ/tissues, faeces, milk

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

The surveillance is made according with the Order of the President of the National Sanitary Veterinary and Food Safety Authority no.35/2016. Investigations are initiated by the owners of the animals. Testing is performed on owner request and on clinical suspicion.

Type of specimen taken: faeces, intestinal content, milk, rectum-anal swab and vaginal swab.
Diagnostic/analytical methods used: OIE method or those described in SR EN ISO 6579-1:2017 (E)

Salmonella spp. in animal populations without EU control programs.

In 2017 year, were detected 20 positive cases in sheep.

In 2017 year, were detected 16 positive cases in pigs.

In 2017 year, were detected 2 positive cases in turkeys.

In 2017 year, were detected 1 positive cases in pigeons.

In 2017 year, were detected 1 positive cases in polar fox.

In 2017 year, were detected 1 positive cases in goats.

In 2017 year, were detected 1 positive cases in wild birds.

In 2018 year, were detected 29 positive cases in sheep.

In 2018 year, were detected 18 positive cases in pigs.

In 2018 year, were detected 4 positive cases in turkeys.

In 2018 year, were detected 1 positive cases in pigeons.

In 2018 year, were detected 3 positive cases in quails.

In 2018 year, were detected 6 positive cases in goats.

In 2018 year, were detected 1 positive cases in cattle.

In 2019 year, were detected 21 positive cases in hens.

In 2019 year, were detected 18 positive cases in sheep.

In 2019 year, were detected 10 positive cases in pigs.

In 2019 year, were detected 2 positive cases in goats.

In 2019 year, were detected 1 positive cases in cattle.

In 2019 year, were detected 1 positive cases in canary.

In 2019 year, were detected 1 positive cases in pigeons.

In 2020 year, were detected 59 positive cases in poultry,

In 2020 year, were detected 5 positive cases in pigs.

In 2020 year, were detected 3 positive cases in sheep.

In 2020 year, were detected 2 positive cases in pigeons.

In 2020 year, were detected 1 positive cases in goats.

In 2021 year, were detected 1 positive cases in guinea fowl.

In 2021 year, were detected 1 positive cases in dog.

In 2021 year, were detected 16 positive cases in hens.

In 2021 year, were detected 16 positive cases in sheep.

In 2021 year, were detected 3 positive cases in pigs

18.2. Measures in place^(b)

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)

Write text here please

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: Blood serum, West Nile Disease

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

For 2018, the passive surveillance specifies that it is compulsory for owners or their representatives to notify to the private vets all cases of receptive animals (horses, birds) with clinical signs or found dead. Another aspect of the passive surveillance is the monitoring of relevant documents that accompany the animal transports.

The active surveillance system involved sampling from horses in three villages from two counties (Constanța and Brăila) where IgM conversions were found in 2010, and, subsequently official notification was sent to O.I.E. The surveillance system was the same as in 2016.

The sampling took place in June, August and October. In case seroconversions were found in June or August, no sampling would take place in the following sampling months. The sample size was calculated based on the entire horse population in each locality and it allowed the detection of the infection at a prevalence of 5% with a confidence of 95%. The sampling matrix was whole blood, and the testing matrix was blood serum. The test used was IgM ELISA using a commercial kit.

During 2019, active surveillance activities were foreseen in animals owned by humans confirmed with West Nile fever. In 14 counties, samples were taken in 29 backyards from birds (hens, geese, and ducks) and Equidae (horses, donkeys). Two ELISA tests were used (IgG ELISA for birds and IgM ELISA for Equidae). Animals from 13 backyards were positive for West Nile virus antibodies.

In animals, passive surveillance provided negative results in 2 counties, where horses exhibited clinical signs similar to those produced by West Nile virus.

Active surveillance in animals continued in 3 localities in Brăila and Constanța, notified as outbreaks to OIE. Horses were tested by IgM ELISA. All results were negative.

During 2020, active surveillance activities were foreseen in animals owned by humans confirmed with West Nile fever. In 1 county, samples were taken in 1 backyard from birds (hens). The results for IgG ELISA were negative.

Active surveillance in animals continued in 3 localities in Brăila and Constanța, notified as outbreaks to OIE. Horses were tested by IgM ELISA. All results were negative.

During 2021, active surveillance activities were foreseen in animals owned by humans confirmed with West Nile fever. In 1 county, samples were taken in 1 backyard from birds (hens and pigeons). The results for IgG ELISA were positive for pigeons and negative for hens.

Active surveillance in animals continued in 2 localities in Brăila county, notified as outbreaks to OIE. Horses were tested by IgM ELISA. All results were negative.

19.2. Measures in place^(b)

In case of outbreaks, measures are taken in accordance with NSVFSA
- movement restrictions

- treatment of infected animals

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

Yes

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

In 2018, 2019 and 2021 evidence of West Nile virus circulation was found in animals (horses with and without clinical signs, birds without clinical signs).

19.5. Additional information

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

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

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

* 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: Brain, Rabies

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

As a member state of the European Union, Romania had annual programmes for the surveillance and control of rabies approved, in conformity with the provisions of the European Commission decisions no. 2006/876/CE, 2007/782/CE, 2008/897/CE and 2009/883/CE. Nevertheless, the programmes for the anti rabic vaccination of wild foxes could not be implemented, but partially, during the period between 2007-2009, by manual administration of vaccine baits, on restricted areas. One of the causes for not applying the programme represented the impossibility of acquiring the vaccine baits due to legal obstructions found in the process of justice.

Confirmation of rabies diagnosis is established only by laboratory tests on samples taken (brain) from dogs that died or were killed due to clinical signs of disease (nervous signs) Samples for laboratory tests if suspicion of rabies - the entire bodies of the dog- are packaged properly so as to avoid any leakage of fluids. Transport is carried out in refrigerated containers, within 24 hours in winter time and 12 hours in

summer time, labeled "biological samples with a high risk of contamination - WARNING RABIES". If the samples are not sent to the laboratory in time, they are frozen.

If the dog becomes ill with symptoms of rabies or dies from a rabies-like illness during the observation period, the dog should be tested for rabies.

Organs/tissues: brain samples (bulb, Ammon horn, cerebellum, cortex, brain stem)

The entire bodies of small animals or heads of large animals - are packaged properly so as to avoid any leakage of fluids. Harvesting and handling must comply with strict work protection measures and biosecurity; must wear personal protective equipment plus disposable mask, goggles, surgical gloves; are mandatory disinfection of instruments and working table used for sampling, in accordance with veterinary rules in force, and washing and disinfecting hands of the operator. Accompanying the evidence clearly indicated the origin of the animal and its owner, owner address, phone number, changes in behavior or physiological status of that animal, if has bitten or scratched other people, and identification and their residence. Transport measures are required to destroy the bodies, destruction of consumables used in handling samples and destruction of laboratory animals (white mice) used for confirmation or denial of rabies diagnosis.

A case of dog rabies is defined as an illness characterized by acute encephalomyelitis that almost always progresses to coma or death and is laboratory confirmed

Fluorescent Antibody Test (FAT) on smears from hippocampus or medulla oblongata

All dogs over 3 months are vaccinated once a year with a rabies vaccine registered and marketed in Romania. Rabies immunization is done by organizing mass vaccination campaigns, annual autumn-winter period, followed by completing vaccination. Each vaccinated carnivorous receives a completed and signed by the empowered veterinary practitioner health book which certifies the carrying out of the vaccination against rabies, details about the vaccinated animal, owner, location, veterinarian and the vaccine used. Each health book has one series and one number.

The administration of the counties should build shelters for stray dogs, according to national legislation. The Romanian Control Programme was a national programme for domestic and wild animals, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 29/2008, for the approval of the sanitary veterinary Norm regarding the general measures of prevention and control of rabies in domestic and wild animals. The Surveillance, control, and monitoring of domestic animals and wild animals for rabies makes the objective. The programme for the actions of surveillance, prevention and control of animal diseases, of those transmissible from animals to man, for protection of animals and environment which is carried out yearly by the National Sanitary Veterinary and for Food Safety Authority; this programme is supplemented, everytime it is necessary, with epidemiological and risk analysis.

Rabies Vaccination Program for stray dogs and stray cats to be Cofinancing by the UE

After rabies confirmation, the county SVFSD acts as follows: a) perform the epidemiological enquire ; b) establishes the protection and the surveillance zones ; c) issues the control plan with deadlines and responsibilities; The control measures in the protection zone include: - drawing up the epidemiological maps; - killing of carnivores which were bitten or scratched by sick animals, if they were not vaccinated against rabies, or if they have less than 21 days since first vaccination, - isolation by the rest of the animals of the vaccinated carnivores which have been bitten or scratched by the sick animal; - placement under observation of all animals from that holding for 14 days, beginning with the contact moment ; - killing of all animals from that holding, in case when they manifest clinical signs in this period of time; animals which did not manifest clinical signs of rabies, are released from observation; - interdiction of animal movement for animal which were under observation for a period of, at least 3 month. The control measures in the surveillance zones include: - a census for all dogs and cats; - vaccination of dogs and cats with inactivated vaccine; - surveillance and movement control of dogs and cats.

Rabies is a notifiable disease from local to central level, in accordance with the NSVFSA President Order no.79/2008 for the approval of the sanitary veterinary Norm on notifying animal diseases, represents the official transposition of the Council Directive 1982/894/CE regarding the notification of animal diseases.

The obligative of disease notification comes to the free practice empowered practitioners which notify the official veterinarian about the rabies suspicions in the field. Rabies suspicion is notified from the field to SVFSD, and samples are sent to the county sanitary veterinary laboratory accredited and authorized for diagnosis. The official vet responsible with animal health from CSVFSD, notifies the suspicion by a rapid communication mean to the director of Animal Health and Welfare Directorate from NSVFSA and also by using a notification report form, to NSVFSA all suspected cases of rabies. Following to laboratory

confirmation of rabies, the county SVFSD and of the Bucharest Municipality, will notify, using a notification report form, to NSVFSA all confirmed cases of rabies. If rabies is confirmed in a domestic animal, the owner is also notified and a complete file issued in view of applying the control measures, if necessary. The situation concerning rabies cases is notified twice/ year to OIE, and quarterly to the European Institute for Rabies Control.

In 2010 year there were detected 46 positive cases in dogs. The vaccination against Rabies of foxes will decrease the number of cases in domestic animals, because foxes are natural virus reservoir. In 2011 were detected 40 positive cases in dogs. In 2012 were detected by FAT 49 positive cases in dogs. In 2013 were detected 38 positive cases in dogs.

The people who have been in contact with positive cases are send to hospitals for examination and medical treatment.

There is no actual monitoring of bats-wild.

Organs/tissues: brain samples

In 2009 year there were detected by the FAT 1 positive cases in bat-wild. The sample was not submitted to the National Reference Laboratory for Rabies for characterization by geno-typing. In the years 2010, 2011 and 2012 there were no detected cases in bats-wild. In 2013, there were not positive cases in bats. In 2015 year were detected 28 rabies cases, diagnosed by FAT.

All positive samples were sequenced in order to distinguish between wild strain and vaccine strain (27 wild strain and one vaccine strain - bovine)

In 2016 year were detected 16 rabies cases, diagnosed by FAT (4 foxes, 9 cattle, 2 cats, 1 dog). All positive samples were sequenced in order to distinguish between wild strain and vaccine strain. All of the positive samples were caused by infection with wild strain rabies.

In 2017 year were tested 9291 animals and found only 2 positive cases (1 dog and 1 cattle). Both positive samples were caused by infection with wild strain rabies

In 2018 there were 3 FAT positive cases (one dog, one fox and one bovine). All these samples were sequenced in order to distinguish between wild strain and vaccine strain. All of the positive samples were caused by infection with wild strain rabies virus.

In 2019, the foxes from whole territory of Romania were vaccinated with baits, in two campaigns (spring and autumn).

Was controlled by FAT (for rabies diagnosis) 7975 animals, from which 7146 were hunted foxes. Of the 7975 animals tested, 4 animals were found positive (1 bovine, 2 foxes and 1 wild boar). The positive cases were tested by PCR and the animals were infected with wild strain.

In 2020, the foxes from whole territory of Romania were vaccinated with baits, in two campaigns (spring and autumn).

Was controlled by FAT (for rabies diagnosis) 6146 animals, from which 5499 were hunted foxes. Of the 6146 animals tested, 5 animals were found positive (2 bovines, 1 foxes and 2 dogs). The positive cases were tested by PCR and the animals were infected with wild strain only.

In 2021, For rabies diagnosis were tested by FAT 5449 animals, from which 4892 were foxes. Of the 5449 tested animals 5 animals were found positive (4 bovines and 1 foxes). The positive cases were tested by PCR and the animals were infected with wild strain only.

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: Listeriosis organ/ tissues, abortion material, milk, brain

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

The surveillance is made according with the Order of the President of the National Sanitary Veterinary and Food Safety Authority no.35/2016. Investigations are initiated by the owners of the animals. Testing is performed on owner request and on clinical suspicion. Passive surveillance is performed in case of abortions, stillbirth and other reproductive symptoms.

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: Q Fever

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

Scope: disease surveillance

Surveillance in all types of holdings (cattle, sheep and goat)

TECHNICAL PROVISIONS

Passive surveillance

Passive surveillance for all cases of abortion, stillbirth and other reproductive symptoms with unspecified diagnosis:

1. Necropsy examination of fetuses, histopathological examination (HE/HEA/HEV, ZNM, Pappenheim, immunohistochemistry) on lymph nodes, liver, lung, kidney, myocardium and placenta samples.
2. Sampling of blood from animals (cattle, sheep, goat) with abortions, 14 – 21 days after abortion, by iELISA and CFR.
3. Data monitoring on suspicions and confirmed cases.
4. Quarterly report on suspicions, confirmations, sent to NSVFSA by each county SVFSD.

The procedure in case of confirmation is as follows:

For cattle:

1. Sampling for PCR testing, as follows:
 - i) Blood samples from minimum 6 cattle taking into account the ratio of 3 multiparous and 3 primiparous from the herd were abortions occurred in the previous minimum 15 days and maximum 4 months; the test used is ELISA, preferably using an antigen obtained from Coxiella isolates on ruminants.
 - ii) A total of 6 blood samples from cattle with reproductive symptoms such as retained placenta, metritis expressed in the last 4 months; the test used is ELISA, preferably using an antigen obtained from Coxiella isolates on ruminants;
2. A total of 6 blood samples from animals in the same herd, that do not express reproductive symptoms; the test used is ELISA, preferably using an antigen obtained from Coxiella isolates on ruminants;

For small ruminants:

1. Vaginal or placenta swabs from 2 to 6 goat or sheep that aborted in the last 8 days. Alternatively, samples from the abortion can be used (placenta, stomach content, spleen, lung, liver). The test used is PCR in order to make a differential diagnosis. 2 PCR tests will be performed on individual samples. Pooling is allowed in case more than 2 animals are tested.
2. In case only one sample for PCR testing is available, the procedure is as follows:
 - i) In sheep and goat herds were abortions occurred, blood sampling will be performed starting at 15 days after the abortions but no later than 3 weeks after the abortion. The minimum number of animals sampled is 10/herd, preferably those that aborted. Blood samples will be tested by ELISA, preferably using an antigen obtained from Coxiella isolates on ruminants.
 - ii) In sheep and goat herds were stillbirths occurred, blood sampling will be performed starting at 15 days after the birth but no later than 3 weeks after the birth. The minimum number of animals sampled is 10/herd, preferably those that had stillbirths. Blood samples will be tested by ELISA, preferably using an antigen obtained from Coxiella isolates on ruminants.

IMPLEMENTATION PROVISIONS

Passive surveillance

Passive surveillance is performed by the owners and workers in daily contact with animals, private veterinarians. They are required to report any case of disease.

The official veterinarians take samples for confirmation diagnosis and deliver them to county SVFSL or NRL in IDSA.

The suspicion is confirmed by evaluating the results of the ELISA and PCR tests.

The disease notification is made in accordance with NSVFSA Order no. 79/2008, with subsequent modifications.

22.2. Measures in place^(b)

The following measures could be used in the prevention and control of Q fever:

Public education and information on sources of infection.

Advice to persons that present a high risk for infection, especially with preexisting cardiac valvular disease or individuals with vascular grafts and pregnant women.

Access restrictions to barns and laboratories used in housing potentially infected animals.
 Quarantine of aborted animals.
 Appropriately disposal of placenta, birth products, fetal membranes, and aborted fetuses.
 Using of only pasteurized milk and milk products.
 Infected holdings and facilities should be located away from populated areas.
 Measures should be implemented to prevent airflow to other occupied areas.

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

Yes

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

22.5. 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).

**23. Description of Monitoring/Surveillance/Control programmes system:
 Campylobacter spp. in broiler carcasses - food sample - neck skin**

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), yearly updated and the susceptibility testing of *Campylobacter* spp. from broilers is a part of the program. The samples for monitoring and testing of *Campylobacter* spp. are compulsory taken by the official vets acting at slaughterhouses.

The *control program* for *Campylobacter* spp., included in Romanian National Surveillance Program, approved by Order of the N.S.V.F.S.A. no 35/2016 (with subsequent amendments and completions) and in accordance with European Union regulations is carried out according to Reg CE2073/2005.

Sampling of broilers' carcasses were taken from slaughterhouses after chilling stage, as hygiene criteria of the technological process. Sampling rules for poultry carcasses were according to Reg CE 2073/2005. Methods of sampling (sampling techniques):

At slaughterhouse - According to the provisions of Regulation 2005/2073/EC, with subsequent amendments and completions, for the *Campylobacter* spp. analyses, a minimum of 20 carcass were sampled at random during each sampling session and after chilling. A piece of approximately 10 g from neck skin was obtained from each 4 carcasses obtained final 5 samples x 10 g to be tested for *Campylobacter*.

Diagnostic/analytical methods used for enumeration of Campylobacter is microbiological method: EN ISO 10272-2 – Horizontal method for detection and enumeration Campylobacter spp. Part 2. Colony count technique. Species identification was performed by molecular techniques.

Definition of positive finding: the food sample are considered to be positive when Campylobacter is isolated by the microbiological method.

Sample tested by the microbiological method EN ISO 10272-2 (enumeration) with a result less than 10 cfu /g Campylobacter spp. is considered negative.

23.2. Measures in place^(b)

Samples exceeded 1000 cfu /g are considered non-compliant, according to the provisions of Regulation 2005/2073/EC, and are notified by RASFF to all levels (central, regional and local).

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

The laboratory that identifies the non-compliant sample has the obligation to notify the non-compliant result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2015 were taken a total number of 43 samples of meat from broilers, in own check, in order to detect Campylobacter spp., from which 5 were positive. In 2015, voluntary samples usually taken for diagnostic purposes (HACCP and own checks). During the years 2016-2017, no samples were analysed in order to detect Campylobacter spp. (it did not run a national program for monitoring).

In 2018, according provisions of Regulation 2005/2073/EC, were taken a total number of 830 samples of meat from broilers (neck skin) in order to detect Campylobacter spp., from which, 81 of these had quantify loads of Campylobacter > 1000 cfu/g. In the 81 strains tested for the identification of the Campylobacter species have been identified 54 species of C. jejuni and 30 species of C. coli. In 3 of them both species were identified.

In 2019, according provisions of Regulation 2005/2073/EC, were taken a total number of 3278 samples of meat from broilers (neck skin) in order to detect Campylobacter spp., from which 122 of these had quantify loads of Campylobacter > 1000 cfu/g. In the 122 strains tested for the identification of the Campylobacter species have been identified 76 species of C. jejuni and 46 species of C. coli.

In 2020, were tested for identification Campylobacter spp. 3650 samples in total, from which 3600 samples neck skin of broilers (Gallus gallus - carcass), 10 samples neck skin of turkey carcasses and 40 samples meat fresh of broilers (Gallus gallus). In the 89 strains tested for the identification of the Campylobacter species have been identified 53 species of C. jejuni, 35 species of C. coli and 1 Campylobacter unspecified spp. According provisions of Regulation 2005/2073/EC, in order to detect Campylobacter spp., in 2020, in official sampling were taken 1510 samples neck skin of broilers (Gallus gallus - carcass), from which 62 of these had quantify loads of Campylobacter > 1000 cfu/g, of which 34 were Campylobacter jejuni, 27 were Campylobacter coli and 1 Campylobacter unspecified sp.

In 2021, were tested for identification Campylobacter spp. 2892 samples in total, from which 2849 samples neck skin of broilers (Gallus gallus - carcass), 1 samples neck skin of turkey carcasses and 42 samples meat fresh of broilers (Gallus gallus). In the 99 strains tested for the identification of the Campylobacter species have been identified 6 species of C. jejuni, 89 species of C. coli and 4 Campylobacter unspecified spp.

According provisions of Regulation 2005/2073/EC, in order to detect Campylobacter spp., in official sampling, in 2021, were taken 1399 samples neck skin of broilers (Gallus gallus - carcass), from which 84 of these had quantify loads of Campylobacter > 1000 cfu/g, of which 6 were Campylobacter jejuni and 78 were Campylobacter coli.

23.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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).

24. Description of Monitoring/Surveillance/Control programmes system: *Listeria monocytogenes* in food sample - all foodstuffs

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), yearly updated and the susceptibility testing of *Listeria monocytogenes* from foodstuffs is a part of the program. The samples for monitoring and testing of *Listeria monocytogenes* are taken by the the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) from production plant and from retail, as a *food safety criteria*.

The *type of specimen* taken according to the stage of sampling is:

- At the production plant - Ready-to-eat food before placed on the market.
- At the retail - Ready-to-eat food placed on the market during their shelf-life.

From *retail* the samples of food for monitoring and testing of *Listeria monocytogenes* are taken by the official vets also in any case of: consumer complaints, suspicions or food borne outbreaks.

The sampling designs were according to the provisions of the Romanian National Surveillance, which is according with the provisions of Regulation 2005/2073/EC, with subsequent amendments and completions.

Analytical methods used from testing of *Listeria monocytogenes* are microbiological methods: Microbiological method: EN ISO 11290-1 – for detection or Microbiological method: EN ISO 11290-2 - for enumeration. The samples taken are analysed either only for detection or enumeration only, by analytical methods used in testing for *Listeria monocytogenes*.

Definition of positive finding - the food sample are considered to be positive when *Listeria monocytogenes* is isolated by the microbiological method.

Sample tested by the microbiological method EN ISO 11290-2 (enumeration) with a result less than 10 cfu /g *Listeria monocytogenes* is considered negative.

Sample tested by the microbiological method EN ISO 11290-2 (enumeration) exceeding 100 cfu/g is considered non-compliant, according to the provisions of Regulation 2005/2073/EC.

24.2. Measures in place^(b)

The laboratory that identifies the non-compliant samples (by detection or enumeration) has the obligation to notify the non-compliant results through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

Then all the food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and are withdrawn from human consumption.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2013, 47 strains of *Listeria monocytogenes* were isolated, of which 1 strains were isolated from milk and dairy products (cheeses) and 45 strains were isolated from other foods (fresh meat, meat products, meat preparation, fish and fishery products, other processed food products and prepared dishes).

In 2014, 41 strains of *Listeria monocytogenes* were isolated, of which 4 strains were isolated from milk and dairy products (cheeses and milk) and 37 strains were isolated from other foods (fresh meat, meat

products, meat preparation, fish and fishery products, other processed food products and prepared dishes).

In 2015, 27 strains of *Listeria monocytogenes* were isolated, of which 2 strains were isolated from milk and dairy products (cheeses and milk) and 25 strains were isolated from other foods (fresh meat, meat products, meat preparation, fish and fishery products, other processed food).

In 2016, 16 strains of *Listeria monocytogenes* were isolated, of which 2 strains were isolated from dairy products and 14 strains were isolated from other foods (meat preparation, meat products, prepared dishes, bakery products and snails).

In 2017, 33 strains of *Listeria monocytogenes* were isolated, of which 1 strain was isolated from milk and dairy products (cheeses), 31 strains were isolated from other foods (fresh meat, minced meat, meat preparation, meat products, prepared dishes, bakery products and snails) and 1 strain of them was isolated in feedingstuffs (silo forage). In 2017, it can be observed an increase trend of *Listeria monocytogenes* positive cases in Romania compared with the period 2015-2016.

In 2018, 193 strains of *Listeria monocytogenes* were isolated, of which 12 strains were isolated from milk and dairy products (cheeses), 113 strains were isolated from other foods (fresh meat, minced meat, meat products, prepared dishes, processed fishery products and snails) and 68 strains of them were isolated in frozen vegetables. Samples of frozen vegetables have been sampled as a result of *Listeria monocytogenes* outbreaks in several countries.

In 2019, 221 strains of *Listeria monocytogenes* were isolated, of which 5 strains were isolated from milk and dairy products (cheeses), 161 of them were isolated in ready-to-eat foods (fishery products – smoked, meat products, mixed products and prepared dishes) and 55 strains were isolated in not-ready-to-eat food (meat preparation, fresh meat, minced meat, offal).

Of the total strains isolated in RTE food, 95 strains were found in fishery products - smoked, as a result of the evolution of an outbreaks and suspicions with Listeria monocytogenes in Romania.

In 2020, 102 strains of *Listeria monocytogenes* were isolated, of which 1 strain was isolated from milk and dairy products (cheeses), 73 of them were isolated in ready-to-eat foods (meat products, fishery products and prepared dishes) and 28 strains were isolated in not-ready-to-eat food (meat preparation, fresh meat and vegetables).

In 2021, 210 strains of *Listeria monocytogenes* were isolated, of which 31 strains was isolated from milk and dairy products (cheeses and ice cream), 160 of them were isolated in ready-to-eat foods (meat products, prepared dishes, fishery products, bakery products and other ready-to-eat products) and 19 strains were isolated in not-ready-to-eat food (fresh meat, meat preparation and minced meat).

24.5. 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).

25. Description of Monitoring/Surveillance/Control programmes system: *Clostridium botulinum* in foodstuffs

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.). The testing of *Clostridium botulinum* from foodstuffs is a part of the this program. The samples for testing of *Clostridium botulinum* are taken as a food safety criteria, by the the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) in case of suspicion, outbreak investigation, consumer complaints, from retail or household and processing plant.

Analytical method used is ISO/TS 17919:2013 Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection of food-borne pathogens — Detection of botulinum type A, B, E and F neurotoxin-producing clostridia.

Definition of positive finding - the food sample are considered to be positive when genes encoding neurotoxins type A, B, E and F have been detected by PCR.

25.2. Measures in place^(b)

A positive laboratory finding of *Clostridium botulinum* is followed by a notification by RASFF to all levels (central, regional and local). Then all the food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and are withdrawn from human consumption.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2015 were tested a total number of 25 food samples (traditional smoked meat products from pig, canned meat, canned fish) of which 4 were positive according ISO 17919. The positive samples were traditional products from their own households.

In 2016 were tested a total number of 26 food samples (traditional smoked meat products from pig, canned meat, fish hot smoked, canned fish) of which 2 were positive according ISO 17919. The positive samples were traditional products from their own **households** and hot smoked fish from retail.

In 2017 were tested a total number of 8 food samples taken at suspicions (traditional smoked meat products from pig and canned meat) of which 3 were positive according ISO 17919. The positive samples were traditional products from their own households.

In 2018 were tested a total number of 3 food samples taken at suspicions (meat products from pig and canned meat) of which 2 were positive according ISO 17919. The positive samples were meat products from pig.

In 2019 were tested a total number of 14 food samples (traditional products from pig, cheese, and canned meat) and 1 of them was positive according ISO 17919. The positive sample was a traditional product from their own household.

In 2020 were tested a total number of 7 food samples taken at suspicions (traditional products from pig, and canned) and 1 of them was positive according ISO 17919. The positive sample was a traditional product from their own household.

In 2021 were analyzed 6 samples taken at suspicions, of traditional smoked products and canned fish and neither of them were found positive.

25.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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).

26. Description of Monitoring/Surveillance/Control programmes system: Shiga toxin-producing *Escherichia coli* (STEC) in food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), yearly updated and the susceptibility testing of *Escherichia coli*, including Shiga toxin-producing *Escherichia coli* (STEC), from foodstuffs is a part of the program. The samples for monitoring and testing of *Escherichia coli* (STEC) are taken by the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) from production plant and from retail, as a *food safety criteria*.

The sampling designs were according to the provisions of the Romanian National Surveillance, which is according with the provisions of Regulation 2005/2073/EC, with subsequent amendments and completions.

At the same time in 2019, a monitoring program was carried out according to the Romanian National Sanitary Veterinary and Food Safety Authority President (N.S.V.F.S.A.) service note no 25952/2019 and the provisions of Commission Decision 2003/99/ CEE and the EFSA recommendation, on the monitoring and reporting of *E. coli* (STEC) in food samples (from bovine and sheep).

Analytical method used is: ISO/TS 13136:2012 - Microbiology of food and animal feed -Real-time polymerase chain reaction (PCR) - based method for the detection of food-borne pathogens - Horizontal method for the detection of Shiga toxin-producing *Escherichia coli* (STEC) and the determination of O157, O111, O26, O103, O104 and O145 serogroups (taking into account the most recent adaptation by the European Union reference laboratory for *Escherichia coli*, including the detection of STEC O104:H4).

Definition of positive finding - the food samples are considered to be positive when STEC has been isolated using the method specified above.

26.2. Measures in place^(b)

A positive laboratory finding of *Escherichia coli* (STEC) is followed by a notification to RASFF to all levels (central, regional and local). Then all the food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and are withdrawn from human consumption.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2012, under a national program for monitoring, were tested 446 samples, which from: 203 was carcass swabs, 121 bovine minced meat, 85 mixed meat- meat preparation - from bovine and sheep, 37 mixed meat- minced meat - from bovine and sheep. There were no positive samples for *Escherichia coli* STEC. In the period 2013-2015 no samples analysed for monitoring *Escherichia coli* VTEC (it did not run a national program for monitoring).

In 2016, were tested 1793 which from 74 samples were positive for *Escherichia coli* STEC (STEC strain isolated) and 287 of them had a "presumptive presence STEC" according to ISO / TS 13136:2012. From

all the analyzed samples, 1479 were tested in the frame of the national program for monitoring STEC issued by N.S.V.F.S.A.; 155 samples in the haemolytic uraemic syndrome Romanian outbreak, 23 sprouts samples in national surveillance program and 136 were HACCP and own check samples. In 2017, were tested 154 samples of which 5 were positive and 2 were presumptive according ISO/TS 13136:2012. In 2018, were tested 64 samples of which 2 were positive according ISO/TS 13136:2012. In 2019, were teste in total 1157 samples of which 39 were positive and 124 were presumptive according ISO/TS 13136:2012. Of these, in 2019 under a national program for monitoring of N.S.V.F.S.A., were tested 1051 samples from bovine and sheep, of which 37 were positive; which from: 495 carcasse swabs (of which 14 were positive), 48 fresh meat (of which 3 were positive), 96 minced meat (of which 4 were positive), 146 meat preparation (of which 12 were positive), 181 raw milk (of which 2 were positive), and 85 dairy products from raw milk (of which 2 sample was positive). In 2020, were teste in total 49 samples of which 2 were positive according ISO/TS 13136:2012. In 2021, were teste in total 32 samples and neither of them were found positive. Of these, 25 were germinated seeds taken in accordance with the Regulation 2005/2073/EC.

26.5. Additional information

Write text here please

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

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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).

*** 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. Description of Monitoring/Surveillance/Control programmes system: Histamine in Fishery products - food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), yearly updated and detection of Histamine from foodstuffs is a part of the program.

The samples for monitoring and testing of Histamine are taken by the the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) from retail, as a *food safety criterion* and also in case of consumer complaints, suspicions or food borne outbreaks.

The sampling designs were according to the provisions of the Romanian National Surveillance, which is according with the provisions of Regulation 2005/2073/EC, with subsequent amendments and completions. Taken of sampling is at the following fish species: Scombridae, Clupeidae, Engraulidae, Coryfenidae, Pomatomidae, Scombresosidae from fishery products which are not enzyme matured in brine and fishery products which have undergone enzyme maturation treatment in brine.

Analytical method used is: High-performance liquid chromatography (HPLC).

Definition of positive finding - the food sample are considered to be positive when that contains histamine at a concentration with more than 100 mg/kg (category 1), more than 200 mg/kg (category 2) or more than 400 mg/kg (category 3).

27.2. Measures in place^(b)

A positive laboratory finding of Histamine is followed by a notification by RASFF to all levels (central, regional and local). Then all the food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and are withdrawn from human consumption.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2013, there were analyzed 170 samples from fish species and all samples had values less than 100 mg/kg (no positive samples were detected).

In 2014, there were analyzed 124 samples from fish species and no positive samples were detected.

In 2015, there were analyzed 116 samples from fish species and no positive samples were detected.

In 2016, there were analyzed 102 samples from fish species and no positive samples were detected.

In 2017, there were analyzed 59 samples from fish species and no positive samples were detected.

In 2018, there were analyzed 1532 samples from fish species according with the provisions of Regulation 2005/2073/EC, of which 8 samples were with noncompliance results (3 from category 1, more than 200 mg/kg and 5 from category 2, more than 400 mg/kg).

In 2019, there were analyzed 486 units samples from fish species according with the provisions of Regulation 2005/2073/EC, of which 1 unit sample from category 2 was positive (content more than 200 mg/kg).

In 2020, there were analyzed 972 units samples from fish species according with the provisions of Regulation 2005/2073/EC, of which 6 units samples from category 1 were positive (content more than 100 mg/kg). Of the 6 units samples positive, 3 had non-compliant results (content more than 200 mg/kg).

In 2021 there were analyzed 1503 units samples from fish species according with the provisions of Regulation 2005/2073/EC, of which 4 units samples from category 1 were positive (content more than 100 mg/kg). Of the 4 units samples positive, 3 had non-compliant results (content more than 200 mg/kg).

27.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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).

28. Description of Monitoring/Surveillance/Control programmes system: Cronobacter in food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), yearly updated and detection of *Cronobacter* from infant formula is a part of this program. The samples for monitoring and testing of Cronobacter are taken by the the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) from retail, as a *food safety criteria*.

Methods of sampling (sampling techniques):

At retail - According to the provisions of Regulation 2005/2073/EC, with subsequent amendments and completions, for the Cronobacter spp. Analyses.

Diagnostic/analytical methods used for detection of Cronobacter spp. is microbiological method: ISO 22964 – Horizontal method for detection of Cronobacter spp.

Definition of positive finding - the food sample are considered to be positive when Cronobacter spp. has been detected using microbiological method.

28.2. Measures in place^(b)

A positive laboratory finding of Cronobacter is followed by a notification by RASFF to all levels (central, regional and local). Then all the food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and are withdrawn from human consumption.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In the years 2012-2015 no samples were analysed for Cronobacter.

In 2018, 18 infant formula samples were tested from Cronobacter, and none of them were positive.

In 2019, 5 infant formula samples were tested from Cronobacter, and none of them were positive.

In 2020, 5 infant formula samples were tested from Cronobacter, and none of them were positive.

In 2021, 10 infant formula samples were tested from Cronobacter, and none of them were positive.

28.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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. Description of Monitoring/Surveillance/Control programmes system: Norovirus and Hepatitis A virus in food sample

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

Since 2016, according to the provisions of the Romanian National Surveillance Program approved by Order of the President of the National Sanitary Veterinary and Food Safety Authority, fruits were included to surveillance for Norovirus and Hepatitis A virus. The samples for monitoring and testing of Norovirus and Hepatitis A virus are taken by the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) from production plant and from retail, as a *food safety criteria*.

Analytical method used is: The laboratory procedures detects simultaneously both norovirus and hepatitis A virus from a sample, according ISO/TS 15216-2:2013.

Definition of positive finding - the food sample are considered to be positive when Norovirus and Hepatitis A virus has been isolated using a method specified above.

29.2. Measures in place^(b)

A positive laboratory finding of Norovirus and Hepatitis A virus is followed by a notification by RASFF to all levels (central, regional and local). Then all the food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and are withdrawn from human consumption.

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2016, under a national program for Surveillance, 16 fruits samples were tested from Norovirus and Hepatitis A virus and none of them were positive.

In 2017, under a national program for Surveillance, 23 fruits samples were tested from Norovirus and Hepatitis A virus and none of them were positive.

In 2018, under a national program for Surveillance, 20 fruits samples were tested from Norovirus and Hepatitis A virus and none of them were positive.

In 2019, under a national program for Surveillance, 22 fruits samples were tested from Norovirus and Hepatitis A virus and none of them were positive.

In 2020, under a national program for Surveillance, 14 fruits samples were tested from Norovirus and Hepatitis A virus and none of them were positive.

In 2021, under a national program for Surveillance, 14 fruits samples were tested from Norovirus and Hepatitis A virus and none of them were positive.

29.5. Additional information

Write text here please

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

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, 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).

30. Description of Monitoring/Surveillance/Control programmes system: Staphylococcal enterotoxins in food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) and detection of Staphylococcal enterotoxins from foodstuffs is a part of this program. The samples for monitoring and testing of Staphylococcal enterotoxins are taken by the the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) from retail, as a food safety criteria and also in case of consumer complaints, suspicions or food borne outbreaks.

The sampling designs were according to the provisions of the Romanian National Surveillance, which is according with the provisions of Regulation 2005/2073/EC, with subsequent amendments and completions.

Analytical method used is European method from EURL-CPS and detection of staphylococcal enterotoxin encoding genes performed by Multiplex PCR.

Definition of positive finding - the food sample are considered to be positive when staphylococcal enterotoxins have been detected.

30.1. Measures in place^(b)

A positive laboratory finding of Staphylococcal enterotoxins is followed by a notification by RASFF to all levels (central, regional and local). Then all the food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and are withdrawn from human consumption

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

The laboratory that identifies the positive sample has the obligation to notify the positive result through the RASFF (Rapid Alert System for Food and Feed) to the regional and central authority, and the regional authority will notify the food business operator.

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

In 2013 were analyzed 411 samples from which 1 sample was positive.

In 2014 were analyzed 215 samples, from which 2 were positive (Staphylococcal enterotoxins D).

In 2015 were analyzed 79 samples and neither of them were found positive.

In 2016 were analyzed 389 samples and 1 sample of them was found positive.

In 2017 were analyzed 247 samples and neither of them were found positive. It can be observed declining of samples analyzed in the 2017 year in Romania compared with the year 2016.

In 2018 were analyzed 1206 samples, from which 4 were positive. Detection of staphylococcal enterotoxin encoding genes was performed by Multiplex PCR (positive for types C, H and I).

In 2019 were analyzed 1749 samples, and 3 sample of them were found positive. Detection of staphylococcal enterotoxin encoding genes was performed by Multiplex PCR (positive for types D).

In 2020 were analyzed 1395 samples and neither of them were found positive.

In 2021 were analyzed 1737 samples and neither of them were found positive for Staphylococcal enterotoxin. At suspicion, 21 strains of Staphylococcus coagulase-positive isolated from cheese (made from unpasteurized milk) and raw cows' milk were analyzed by Multiplex PCR, and in 16 of them genes encoding Staphylococcal enterotoxin H (seh) and genes identifying Staphylococcus aureus were detected.

30.4. 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).

31. Food-borne Outbreaks

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), and surveillance of food borne outbreaks is a part of the program.

The samples are taken by the the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) from retail in case of consumer complaints, suspicions or food borne outbreaks. The municipal public health authorities are responsible for detecting, preventing diseases related to food and water and for notifying to the other authorities involved. Ill persons and the overall epidemiological investigation are the responsibilities of the regional authorities (public health and veterinary public health authorities).

The Institute for Hygiene and Veterinary Public Health (I.H.V.P.H.), which is a public institution with legal personality, designated as national reference authority in the field of food safety, under the responsibility of N.S.V.F.S.A. collects from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) and reports to the N.S.V.F.S.A. all food borne outbreaks data (in the field of food and feed safety).

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

During 2021 there were recorded 2 outbreaks, 1 episode was with strong evidence and 1 episode it was with weak-evidence, within which 48 people ill and 6 people were hospitalized.

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

In 2014 it recorded a total of 27 food borne outbreaks were reported, 6 episodes was weak-evidence and 21 episodes were with strong evidence, 379 people ill and 199 people hospitalized.

In 2015 it recorded a total of 21 outbreaks, 18 episodes were with strong evidence and 3 episodes were weak-evidence, 397 people ill and 270 people hospitalized.

In 2016 it recorded a total of 19 outbreaks, 13 episodes were with strong evidence and 6 episodes was weak-evidence, 312 people ill and 220 people hospitalized. In 2016 it recorded a total of 19 outbreaks, 13 episodes were with strong evidence and 6 episodes was weak-evidence, 312 people ill and 220 people hospitalized.

In 2017 there were recorded 12 outbreaks, 2 episodes was weak-evidence and 10 episodes were with strong evidence, within which 425 people ill and 211 people hospitalized. In 2017, Staphylococcus was the most frequently identified agent in food borne disease outbreaks (6 episodes with 167 human cases and 71 people hospitalised); followed by Salmonella as the agent identified (4 episodes with 147 human cases and 51 people hospitalised) and Trichinella (2 episodes with 111 human cases and 89 people hospitalised). From all 12 outbreaks recorded in 2017, 4 episodes were mixed outbreaks and had agents as well Staphylococcus and Escherichia coli. Also 1 episode was with unknown vehicle and the case was classified based on clinical and epidemiological data according to surveillance methodology. Most of the outbreaks, were reported to be linked to the public consumption, 11 general FBOType, and only 1 by household FBO Type (private type). The types of foods involved in food borne disease outbreaks reported were : buffet meals, mixed food (prepared dishes), meat and products thereof, cheese, sweets and other food. The causative agents, in the incriminated foodstuff, were confirmed in laboratory and also based on epidemiological investigation or epidemiological suspected. The most important factors contributing to food borne disease outbreaks reported were unsatisfactory hygiene conditions and carriers, cross-contamination and infected food handler.

In 2018 there were recorded 29 outbreaks, 5 episodes were weak-evidence and 24 episodes were with strong evidence, within which 738 people ill and 324 people hospitalized. In 2018, Salmonella (6 episodes with 494 human cases and 181 people hospitalised) and Trichinella (6 episodes with 64 human cases and people hospitalised) were the most frequently identified agent in food borne disease outbreaks; followed by Staphylococcus as the agent identified (4 episodes with 44 human cases and 39 people hospitalised) and E.coli (3 episodes). The causative agents, in the incriminated foodstuff, were confirmed in laboratory and also based on epidemiological investigation or epidemiological suspected. 2 outbreaks of special interest were recorded of these, with *Clostridium botulinum* as etiological agent with 4 human cases and 3 people hospitalised, where *the death of one of them* was recorded.

5 outbreaks were *unknown* etiological agent (unidentified in food or human cases), with 83 human cases and 18 people hospitalised and the cases were classified based on clinical and epidemiological data

according to surveillance methodology. From all 29 outbreaks recorded in 2018, 4 episodes were mixed outbreaks. Of these, 1 outbreak was of interest, with 4 infectious agents (*Listeria monocytogenes*, *Salmonella infantis*, *Staphylococcus aureus* and *Escherichia coli*). Most of the outbreaks, were reported to be linked to the public consumption, 24 general FBO Type, and 5 by household FBO Type (private type). The types of foods involved in food borne disease outbreaks reported were: mixed food (prepared dishes, meat and products thereof, cheese) buffet meals, other food and water. The most important factors contributing to food borne disease outbreaks reported were unsatisfactory hygiene conditions and carriers, infected food handler, inadequate heat treatment and cross-contamination. Compared to 2017, in 2018 was observed a 142% increase in the number of outbreaks reported.

In 2019 there were recorded 7 outbreaks, 2 episodes were weak-evidence and 5 episodes were with strong evidence, within which 247 people ill and 102 people hospitalized and no deaths were reported. Most of the outbreaks, were reported to be linked to the public consumption, 6 general FBO Type, and 1 by household FBO Type (private type).

In 2019, *Salmonella* was the most frequently identified agent in food borne outbreaks (3 episodes with 210 human cases and 77 people hospitalised); followed by *Staphylococcus* as the agent identified (2 episodes with 29 human cases and 17 people hospitalised), *Trichinella* as the agent identified in an 1 episode (with 5 human cases and 5 people hospitalised) and 1 outbreak was recorded of these, with *Clostridium botulinum* as etiological agent (with 3 human cases and 3 people hospitalised). From all outbreaks recorded in 2019, 1 episode was mixed outbreak, with 2 infectious agents (*Staphylococcus aureus* and *Escherichia coli*). The causative agents, in the incriminated foodstuff, were confirmed in laboratory and also based on epidemiological investigation or epidemiological suspected.

The types of foods involved in food borne disease outbreaks reported were: pig meat and products thereof, buffet meals, mixed food (prepared dishes), cheese and other food.

The most important factors contributing to food borne disease outbreaks reported were: infected food handler, cross-contamination, unsatisfactory hygiene conditions and carriers, unprocessed contaminated ingredient and inadequate heat treatment.

It can be observed a decrease of the number outbreaks reported in Romania compared to the period 2017-2018.

In 2020 there were recorded 3 outbreaks, 2 episodes were with strong evidence and 1 episode it was with weak-evidence. A total of 41 sick people and 21 hospitalized people were registered, and no deaths were reported. The outbreaks, were reported to be linked to the public consumption, general FBO Type. In 2020 the infectious agents identified in the food borne outbreaks were: *Salmonella* (1 episode with 22 human cases and 11 people hospitalised); *Trichinella* (1 episode with 9 human cases and 2 people hospitalised) and *Escherichia coli* (1 episode with 10 human cases and 8 people hospitalised).

1 episode was mixed outbreak, with 2 infectious agents (*Salmonella* Enteritidis and *Staphylococcus aureus*). The causative agents, in the incriminated foodstuff, were confirmed in laboratory or also based on epidemiological investigation or epidemiological suspected.

The types of foods involved in food borne disease outbreaks reported were: pig meat, prepared food (mixed food), cheese and other food.

The contributing factors to food borne disease outbreaks reported were unprocessed contaminated ingredient, infected food handler and inadequate heat treatment.

In 2021 there were recorded 2 outbreaks, 1 episode was with strong evidence and 1 episode it was with weak-evidence. A total of 48 sick people and 6 hospitalized people were registered, and no deaths were reported. One outbreak was reported to be linked to the public consumption, general FBO Type and one in the household (domestic premises).

In 2021 the infectious agents identified in the food borne outbreaks were: *Salmonella* (1 episode with 4 human cases and 3 people hospitalised) and *Staphylococcus* (1 episode with 44 human cases and 3 people hospitalised).

The causative agents, in the incriminated foodstuff, were confirmed in laboratory or also based on epidemiological investigation or epidemiological suspected.

The types of foods involved in food borne disease outbreaks reported were: bakery product (cakes) and prepared food (mixed food).

The contributing factors to food borne disease outbreaks reported were infected food handler.

In the last two years It can be observed a decrease in the number of outbreaks in Romania.

31.4. Descriptions of single outbreaks of special interest

In 2021, there was a suspicion of Clostridium botulinum in a person, the incriminated food being a traditional dish ("ram in the cauldron") ordered by consumer from a restaurant. The epidemiological investigation concluded that the source is unknown, and no definite diagnosis has been made.

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

According with the provisions Romanian National Programme for Surveillance of Zoonoses, Rapid Alert System for Food and Feed and the National Sanitary Veterinary and Food Safety Authority Order no. 34/2006, which transposed Directive 2003/99/EC.

In addition, there is a collaboration protocol between the Ministry of Health and the National Sanitary Veterinary and Food Safety Authority for the control work on the risks presented by food for public health and consumer protection.

31.6. 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

Write text here please

31.7. Additional information

Write text here please

(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.

32. Institutions and laboratories involved in antimicrobial resistance monitoring and reporting

National Sanitary Veterinary and Food Safety Authority-central competent authority implementing the AMR monitoring programme in animal, food and BIP

Institute for Hygiene and Veterinary Public Health (I.H.V.P.H.) - national reference authority in the field of food safety. The National Reference Laboratory (N.R.L.- AR) for the antimicrobial resistance in foodstuffs derived from products of animal origin is organized within the Institute I.H.V.P.H.

The I.H.V.P.H. collects from all regional laboratories (Sanitary Veterinary and for Food Safety Laboratories) and reports to the N.S.V.F.S.A. all antimicrobial resistance data.

Institute for Diagnosis and Animal Health – central animal health diagnostic institute, NRL for Antimicrobial resistance - for monitoring data collection and reporting.

Sanitary Veterinary and Food Safety Directorate Counties: Alba, Brăila, Buzău, Dâmbovița, Mureș, Prahova and Satu Mare – for monitoring.

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

33. General Antimicrobial Resistance Evaluation

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

The monitoring of antimicrobial resistance is made according with the Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) which is according to the provisions of Commission Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria. The samples for monitoring of antimicrobial resistance (according to allocation under the National Sampling Plan) are taken by the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.).

All the strains isolated in foodstuffs derived from products of animal origin are tested for the antimicrobial resistance at the National Reference Laboratory (NRL-AR) from IHVPH.

Starting with 2015 in Romania runs the program for the monitoring of antimicrobial resistance for for each combination of bacterial species and food categories, every two years, according to the provisions of Commission Decision 2020/1729/EU. The antimicrobials included in monitoring are: Ampicillin, Azithromycin, Cefotaxime, Ceftazidime, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Meropenem, Nalidixic acid, Sulfamethoxazole, Tetracycline, Tigecycline, Trimethoprim (first panel) and Cefepime, Cefoxitin, Ceftazidime, Ceftazidime + clavulanic acid, Cefotaxime, Cefotaxime + clavulanic acid, Ertapenem, Imipenem, Meropenem, Temocillin (Second panel), and are tested by the micro-dilution method according to the method described by the EUCAST and CLSI, accepted as ISO 20776-1:2006. The cut-off values used in testing are those listed in Decision 2013/652/UE, and yearly updated and provided by EURL-AR and EFSA in the Manual for reporting on antimicrobial resistance (listed in Panel of antimicrobial substances to be included in AMR monitoring, interpretative thresholds for interpreting resistance and concentration ranges).

Results in the *Salmonella* and *Escherichia coli* per per years of monitoring:

In 2015, were tested:

- for identification *Salmonella spp.* 399 samples meat from pig-carcasse (carcasses swabs) from which a number of 23 were positive. Non one of them, was not resistant for cephalosporins.

- for identification *Escherichia coli* 399 sample fresh meat from pig from which 63 were positive and 244 sample fresh meat from bovine from which a number of 28 were positive.

In 2016, were tested:

- for identification *Salmonella spp.* 1871 samples neck skin of broilers (*Gallus gallus* - carcasse), from which a number of 82 were positive. Non one of them was not resistant for cephalosporins.

- for identification *Escherichia coli* 315 samples fresh meat from broilers (*Gallus gallus*), from which a number of 190 were positive. *1 one of them was resistant for carbapenems.*

In 2017, were tested:

- for identification *Salmonella spp.* 300 samples meat from pig-carcasse (carcasses swabs), from which a number of 4 were positive. Non one of them, was not resistant for cephalosporins.

- for identification *Escherichia coli* 298 sample fresh meat from pig, from which 44 were positive and 146 sample fresh meat from bovine from which a number of 5 were positive.

In 2018, were tested:

- for identification *Salmonella* spp. 3138 samples neck skin of broilers (*Gallus gallus* - carcass) from which 35 were positive and 125 sample neck skin of turkey (carcass) from which a number of 13 were positive. Non one of them, was not resistant for cephalosporins.

- for identification *Escherichia coli* 297 samples fresh meat from broilers (*Gallus gallus*) from which a number of 99 were positive.

In 2019, were tested:

- for identification *Salmonella* spp. 234 samples meat from pig-carcass (carcasses swabs), from which a number of 3 were positive. One of them, was resistant for cephalosporins.

- for identification *Escherichia coli* 300 sample fresh meat from pig, from which 22 were positive and 150 sample fresh meat from bovine from which a number of 6 were positive.

In 2020, were tested:

- for identification *Salmonella* spp., 698 samples neck skin of broilers (*Gallus gallus* - carcass) from which 71 were positive and 40 sample neck skin of turkey (carcass) all of them were negative. From total units positive samples neck skin of broilers (*Gallus gallus* - carcass), 22 strains were tested for detection of the antimicrobial resistance.

- for identification *Escherichia coli* 300 samples fresh meat from broilers (*Gallus gallus*) from which a number of 99 were positive.

In 2021, were tested for identification *Escherichia coli* 300 sample fresh meat from pig, from which 34 were positive and 150 sample fresh meat from bovine from which a number of 12 were positive.

For *Salmonella*, as part of the antimicrobial resistance monitoring program, no meat samples from pig carcasses (carcass swabs) were planned and tested in 2021.

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

-

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

Starting with 2016, the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) has developed a national strategy to combat antimicrobial resistance in veterinary medicine (National Guide), antibiotic resistance being a public health security issue. The NATIONAL GUIDE refers to the prudent use of antimicrobial substances in animals and, in particular, to limiting the development of antimicrobial resistance and its purpose is to provide veterinarians, farmers, authorities the veterinary industry, the drug industry, associations and academia, practical guidance on the prudent use of antimicrobials, in particular antibiotics, in veterinary medicine.

33.4. 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

33.5. 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);

34. General Description of Antimicrobial Resistance Monitoring: *Campylobacter* spp. in broiler carcasses (neck skin) - food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.) and the susceptibility testing of *Campylobacter* spp. from broilers is a part of the program. After strain confirmation and *Campylobacter* species identification, the strains are tested for the antimicrobial resistance only at the National Reference Laboratory (N.R.L. - AR). The Hygiene and Veterinary Public Health (I.H.V.P.H.) collects all the strains isolated from broilers in official laboratories.

34.2. Stratification procedure per animal population and food category

The NRL-AR (I.H.V.P.H.) tested all *Campylobacter* strains isolated in official laboratories and NRL *Campylobacter* for antimicrobial resistance.

34.3. Randomisation procedure per animal population and food category

Samples were collected according to the provisions of to Regulation CE 2073/2005, with subsequent amendments, by the official veterinarians within the county (C.S.V.F.S.D.) based on the principle of representativeness, randomized on days / weeks / months / batch / epidemiological unit / the specificity of the sampling method / the specific matrix / type of unit / activity and other criteria set out in the monitoring plan of antimicrobial resistance. The *Campylobacter* strains isolated in official laboratories and tested in NRL *Campylobacter* for antimicrobial resistance are reported to EFSA according to the Directive 2003/99.

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

Analytical methods used for enumeration of *Campylobacter* is microbiological method: EN ISO 10272-2 – Horizontal method for detection and enumeration *Campylobacter* spp. Part 2. Colony count technique. Species identification was performed by molecular techniques

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

Laboratory protocol for isolation of *Campylobacter* is DTU Food, biochemical confirmation provided by EURL- AR. The method used for detection of the antimicrobial resistance is broth microdilution (ISO 20776) testing and quality control were performed according to CLSI (Clinical and Laboratory Standards Institute) documents and standards. The cut-off values used in testing are those provided by EURL- AR and by EFSA in the Manual for reporting on antimicrobial resistance. The antimicrobials included in monitoring were: Erythromycin, Ciprofloxacin, Tetracycline, Gentamicin Nalidixic acid, Streptomycin.

34.6. Library preparation used

34.7. Version of the predictive tool

34.8. Results of investigation

In 2021, in official sampling, were tested for identification *Campylobacter* spp. 1399 samples neck skin of broilers (*Gallus gallus* - carcass), from which 78 of these had quantify loads of *Campylobacter* > 1000 cfu/g. In 2021, from total units positive samples neck skin of broilers (*Gallus gallus* - carcass), 30 strains were tested for detection of the antimicrobial resistance, of which 2 were *Campylobacter jejuni* and 28 were *Campylobacter coli*.

34.9. 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

35. General Antimicrobial Resistance Evaluation *Campylobacter* in broiler carcasses (neck skin) - food sample

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

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority (N.S.V.F.S.A.), and the susceptibility testing of *Campylobacter* spp. from broilers is a part of the program.

After strain confirmation and *Campylobacter* species identification, the strains are tested for the antimicrobial resistance only at the National Reference Laboratory (N.R.L. - AR). The Hygiene and Veterinary Public Health (I.H.V.P.H.) collects all the strains isolated from broilers in official laboratories. In 2019, in official sampling, were taken 1200 samples neck skin of broilers (*Gallus gallus* - carcase), from which 76 of these had quantify loads of *Campylobacter* > 1000 cfu/g. In 2019, from total units positive samples neck skin of broilers, 25 strains were tested for detection of the antimicrobial resistance of which 20 were *Campylobacter jejuni* and 5 were *Campylobacter coli*.

In 2020, in official sampling, were tested for identification *Campylobacter* spp. 1510 samples neck skin of broilers (*Gallus gallus* - carcase), from which 62 of these had quantify loads of *Campylobacter* > 1000 cfu/g. From total units positive samples neck skin of broilers (*Gallus gallus* - carcase), 20 strains were tested in 2020 for detection of the antimicrobial resistance, of which 12 were *Campylobacter jejuni* and 8 were *Campylobacter coli*.

In 2021, in official sampling, were tested for identification *Campylobacter* spp. 1399 samples neck skin of broilers (*Gallus gallus* - carcase), from which 78 of these had quantify loads of *Campylobacter* > 1000 cfu/g, From total units positive samples neck skin of broilers (*Gallus gallus* - carcase) 30 strains were tested in 2021 for detection of the antimicrobial resistance, of which 2 were *Campylobacter jejuni* and 28 were *Campylobacter coli*.

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

Write text here please

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

For *Campylobacter* no samples from broiler carcasses (neck skin) were planned and tested as part of the monitoring antimicrobial resistance national program, according to provisions of Commission Decision 2020/1729/ EU. Samples were collected according to the provisions of to Regulation CE 2073/2005, with subsequent amendments and monitoring and reporting of antimicrobial resistance is according to Directive 2003/99.

35.4. 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

35.5. 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);

36. General Description of Antimicrobial Resistance Monitoring: *Escherichia coli*, non-pathogenic in meat from bovine fresh and meat from pig fresh

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

In 2021 the sampling designs were according to the Romanian National Sanitary Veterinary and Food Safety Authority President (N.S.V.F.S.A.) service note no 7756/2021 and the provisions of Commission Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria. For isolation of ESBL-, AmpC- and carbapenemase, *meat from bovine fresh* and *meat from pig fresh* were taken from retail (according to allocation under the National Sampling Plan). The samples for monitoring of antimicrobial resistance (according to allocation under the National Sampling Plan) are taken by the official veterinarians from County Sanitary Veterinary and Food Safety Directorates (C.S.V.F.S.D.) and all the samples were tested for the antimicrobial resistance only at the National Reference Laboratory (N.R.L. - AR).

The Hygiene and Veterinary Public Health (I.H.V.P.H.) collects all the strains isolated from *meat from bovine fresh* and *meat from pig fresh* taken from retail.

36.2. Stratification procedure per animal population and food category

For detection (isolation and serotyping) *E. coli* in *meat from bovine fresh* and *meat from pig fresh*, the samples were collected from 28 counties, respectively from 56 cutting plants and 28 supermarkets. Samples were collected from regional county (County Sanitary Veterinary and Food Safety Directorate – C.S.V.F.S.D.) and analysed in the Institute for Hygiene and Veterinary Public Health. Each sample had a unic number recorded in a standard form sampling. The isolates were serotyped in the NRL - *E. coli* and the antimicrobial resistance testing was performed in the NRL-AR (Institute for Hygiene and Veterinary Public Health).

36.3. Randomisation procedure per animal population and food category

Samples were collected through a random selection according to the provisions of N.S.V.F.S.A. President Order 7756/2021 on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria. The distribution of planned samples from the national plan, was carried out by the official veterinarians within the county (C.S.V.F.S.D.) based on the principle of representativeness, randomized on days / weeks / months / batch / epidemiological unit / the specificity of the sampling method / the specific matrix / type of unit / activity and other criteria set out in the monitoring plan of antimicrobial resistance. Each sample had a unic number recorded in a standard form sampling.

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

The method used for detection of the antimicrobial resistance is broth microdilution (ISO 20776) testing and quality control were performed according to CLSI (Clinical and Laboratory Standards Institute) documents and standards.

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

Laboratory protocol for isolation of ESBL-, AmpC- and carbapenemase producing *E. coli* from fresh meat DTU Food, biochemical confirmation provided by EURL- AR. All the antimicrobials (panel 1 and panel 2) included in monitoring, according to the Decision 2020/1729/EU, were tested and the cut-off values used in testing are those provided by EURL- AR and by EFSA in the Manual for reporting on antimicrobial resistance. The antimicrobials included in monitoring were: Ampicillin, Azithromycin, Cefotaxime, Ceftazidime, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Meropenem, Nalidixic acid, Sulfamethoxazole, Tetracycline, Tigecycline, Trimethoprim (first panel) and Cefepime, Cefoxitin, Ceftazidime, Ceftazidime + clavulanic acid, Cefotaxime, Cefotaxime + clavulanic acid, Ertapenem, Imipenem, Meropenem, Temocillin (Second panel).

36.6. Library preparation used

Write text here please

36.7. Version of the predictive tool

Write text here please

36.8. Results of investigation

In 2021, were tested for identification *Escherichia coli* 300 sample fresh meat from pig, from which 34 were positive and 150 sample fresh meat from bovine from which a number of 12 were positive.

36.9. Additional information

Write text here please

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

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

37. General Description of Antimicrobial Resistance Monitoring: Pigs - fattening pigs/*E.coli*, non-pathogenic

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

According to Commission Implementing Decision No 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria and repealing Implementing Decision 2013/652/EU, *Escherichia coli* strains isolated from fattening pigs caecal samples which are tested for antimicrobial susceptibility were obtained from monitoring programmes, based on randomised sampling design. The commensal *E. coli* and ESBL/AmpC/carbapenemase producing *E. coli* isolates are originate from randomly selected farms and randomly selected within the slaughterhouses.

2021 - Type of specimen taken: 239 caecal samples from slaughtered fattening pigs.

Frequency of the sampling: the collected samples at slaughter were evenly distributed over each month of the year to enable the different seasons to be covered, respectively from 5th of April to 13th of December 2021. They were sampled between 1 and 6 slaughter batches per month, respectively between 3 and 31 slaughter batches per year from different slaughterhouse. Only one representative sample of caecal content per holding, derived from a different number of carcasses were gathered to account for clustering.

Methods of sampling (description of sampling techniques): within slaughterhouses, after the mass gastrointestinal examination, the official vet performed cecum sampling on special designated location, that to avoid carcasses contamination with the intestinal contents. To avoid cross contamination, the cecum has to be sampled with caution by double ligation and then sectioning between ligatures;

- for a slaughtered animals batch, it shall be sampled a single caecum, from one animal, which have to be randomly chosen on cutting line. The traceability has to be assured for each sample;

- cecum must be untouched and full;

- cecum sample were collected in a single sterile bag for a transport.

It is labelled with a unique number which is identical with the analysis request number and sealed

- samples should not be exposed to extreme temperatures and as soon as possible have to be transported to the laboratory for tests them.

Procedures for the selection of isolates for antimicrobial testing: there were isolated 239 commensal *E. coli* strains, 167 presumptive ESBL/AmpC producing *E. coli* strains and no presumptive carbapenemases producing *E. coli* strain. 8 commensal *E. coli* strains were resistant to 3rd generation cephalosporinases. They were tested for antimicrobial resistance 169 commensal *E. coli* strains, 167 ESBL/AmpC producing *E. coli* strains. The selection of the commensal *E. coli* strains for antimicrobial testing were based on epidemiological unit, geographical origin of the samples/farm and date of sampling.

Methods used for collecting data: in accordance with SN of NSVFSA no 27658/28.12.2020, respectively Annex VII - Report of the results of AMR monitoring. The document contains the information requested in Part B of Decision No 1729/2020. The data were collected by NRL-AR and transmitted to NSVFSA.

37.2. Stratification procedure per animal population and food category

They were sampled and tested 239 caecal samples from slaughtered fattening pigs originate from randomly selected farms and randomly selected slaughterhouses, respectively 23 slaughterhouses from 17 different counties, situated in different country regions.

37.3. Randomisation procedure per animal population and food category

The random sampling plan was stratified per slaughterhouse by allocating the number of samples collected per slaughterhouse proportionally to the annual throughput of the slaughterhouse. Sampling was performed on a random selection regarding sampling days, during each month; cecum samples were chosen at random, regardless of the origin of the slaughtered animals (farms/holdings in Romania).

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

The isolation of indicator commensal *Escherichia coli* was based on an 'in house' method and for the specific monitoring of ESBL-/AmpC-/Carbapenemase-producers were used the protocols developed by the EURL-AR. For specific monitoring on Carbapenemase-producers was used selective media in commercial plates.

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

Micro-dilution method performed according to the method described by EUCAST and CLSI, accepted as ISO 20776-1:2020. Antimicrobials included in monitoring are: Ampicillin, Amikacin, Azithromycin, Cefotaxime, Ceftazidime, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Meropenem, Nalidixic acid, Sulfamethoxazole, Tetracycline, Tigecycline, Trimethoprim (first panel) and Cefepime, Cefoxitin, Ceftazidime, Ceftazidime + clavulanic acid, Cefotaxime, Cefotaxime + clavulanic acid, Ertapenem, Imipenem, Meropenem, Temocillin (second panel), according to the Decision 1729/2020/EU. Cut-off values used in testing are in conformity with Decision 1729/2020/EU.

37.6. Library preparation used

37.7. Version of the predictive tool

37.8. Results of investigation

There were tested 239 caecal samples from slaughtered fattening pigs for detection of commensal *E. coli* and ESBL/AmpC/carbapenemase producing *E. coli*. There were isolated 239 commensal *E. coli* strains, 167 ESBL/AmpC producing *E. coli* strains and no presumptive carbapenemases producing *E. coli* strain. 8 commensal *E. coli* strains were resistant to 3rd generation cephalosporinases. They were tested for antimicrobial resistance 169 commensal *E. coli* isolates, 167 ESBL/AmpC producing *E. coli* isolates and no presumptive carbapenemases producing *E. coli* isolate.

37.9. 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

38. General Description of Antimicrobial Resistance Monitoring: Pigs - fattening pigs / *Campylobacter* spp.

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

According to Commission Implementing Decision No 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria and repealing Implementing Decision 2013/652/EU, *Campylobacter coli* strains isolated from fattening pigs caecal samples which are tested for antimicrobial susceptibility were obtained from monitoring programmes, based on randomised sampling design. Isolates are originated from randomly selected farms and randomly selected within the slaughterhouses.

2021 - Type of specimen taken: 239 caecal samples from slaughtered fattening pigs.

Frequency of the sampling: the collected samples at slaughter were evenly distributed over each month of the year to enable the different seasons to be covered, respectively from 5th of April to 13th of December 2021. They were sampled between 1 and 6 slaughter batches per month, respectively between 3 and 31 slaughter batches per year from different slaughterhouse. Only one representative sample of caecal content per holding, derived from a different number of carcasses were gathered to account for clustering.

Methods of sampling (description of sampling techniques): within slaughterhouses, after the mass gastrointestinal examination, the official vet performed cecum sampling on special designated location, that to avoid carcasses contamination with the intestinal contents. To avoid cross contamination, the cecum has to be sampled with caution by double ligation and then sectioning between ligatures;

- for a slaughtered animals batch, it shall be sampled a single caecum, from one animal, which have to be randomly chosen on cutting line. The traceability has to be assured for each sample;

- cecum must be untouched and full;

- cecum sample were collected in a single sterile bag for a transport.

It is labelled with a unique number which is identical with the analysis request number and sealed

- samples should not be exposed to extreme temperatures and as soon as possible have to be transported to the laboratory for tests them.

Procedures for the selection of isolates for antimicrobial testing: there were isolated and identified 4 *Campylobacter jejuni* and 213 *Campylobacter coli*. 2 samples were positive for both *C. coli* and *C. jejuni*. They were tested for antimicrobial resistance 146 *Campylobacter coli* strains. The selection of *Campylobacter coli* for antimicrobial testing were based on epidemiological unit, geographical origin of the samples/farm and date of sampling.

Methods used for collecting data: in accordance with SN of NSVFSA no 27658/28.12.2020, respectively Annex VII - Report of the results of AMR monitoring. The document contains the information requested in Part B of Decision No 1729/2020. The data were collected by NRL-AR and transmitted to NSVFSA.

38.2. Stratification procedure per animal population and food category

They were sampled and tested 239 caecal samples from slaughtered fattening pigs originate from randomly selected farms and randomly selected slaughterhouses, respectively 23 slaughterhouses from 17 different counties, situated in different country regions.

38.3. Randomisation procedure per animal population and food category

The random sampling plan was stratified per slaughterhouse by allocating the number of samples collected per slaughterhouse proportionally to the annual throughput of the slaughterhouse. Sampling was performed on a random selection regarding sampling days, during each month; cecum samples were chosen at random, regardless of the origin of the slaughtered animals (farms/holdings in Romania).

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

The detection and identification of *Campylobacter* spp. was performed according EURL *Campylobacter* protocol, respectively *Protocol for isolation, identification and storage of Campylobacter jejuni and/or C. coli for the EU monitoring of antimicrobial resistance*. This document is based on the EN ISO 10272-1: 'Microbiology of the food chain – horizontal method for detection and enumeration of *Campylobacter* spp.

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

Micro-dilution method performed according to the method described by EUCAST and CLSI, accepted as ISO 20776-1:2020. Antimicrobials included in monitoring are: Ciprofloxacin, Erythromycin, Gentamicin, Ertapenem, Chloramphenicol and Tetracycline, according to the Decision 1729/2020/EU. Cut-off values used in testing are in conformity with Decision 1729/2020/EU (table 3).

38.6. Library preparation used

38.7. Version of the predictive tool

38.8. Results of investigation

There were tested 239 caecal samples from slaughtered fattening pigs for detection of *Campylobacter jejuni* and *Campylobacter coli*. 2 samples were positive for both *C. coli* and *C. jejuni*. There were isolated and identified 4 *Campylobacter jejuni* and 213 *Campylobacter coli*. They were tested for antimicrobial resistance 146 *Campylobacter coli* isolates.

38.9. 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

39. General Description of Antimicrobial Resistance Monitoring: Bovine animals under one year of age / *E. coli*, non-pathogenic

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

According to Commission Implementing Decision No 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria and repealing Implementing Decision 2013/652/EU, *Escherichia coli* strains isolated from bovine animals under one year of age caecal samples which are tested for antimicrobial susceptibility were obtained from monitoring programmes, based on randomised sampling design. The commensal *E. coli* and ESBL/AmpC/carbapenemase producing *E. coli* isolates are originate from randomly selected farms and randomly selected within the slaughterhouses.

2021 - Type of specimen taken: 141 caecal samples from slaughtered bovine.

Frequency of the sampling: the collected samples at slaughter were evenly distributed over each month of the year to enable the different seasons to be covered, respectively from 5th of April to 9th of December 2021. They were sampled between 1 and 9 slaughter batches per month, respectively between 1 and 40 slaughter batches per year from different slaughterhouse. Only one representative

sample of caecal content per holding, derived from a different number of carcasses were gathered to account for clustering.

Methods of sampling (description of sampling techniques): within slaughterhouses, after the mass gastrointestinal examination, the official vet performed cecum sampling on special designated location, that to avoid carcasses contamination with the intestinal contents. To avoid cross contamination, the cecum has to be sampled with caution by double ligation and then sectioning between ligatures;

- for a slaughtered animals batch, it shall be sampled a single caecum, from one animal, which have to be randomly chosen on cutting line. The traceability has to be assured for each sample;

- cecum must be untouched and full;

- cecum sample were collected in a single sterile bag for a transport.

It is labelled with a unique number which is identical with the analysis request number and sealed

- samples should not be exposed to extreme temperatures and as soon as possible have to be transported to the laboratory for tests them.

Procedures for the selection of isolates for antimicrobial testing: there were isolated 141 commensal *E. coli* strains, 32 presumptive ESBL/AmpC producing *E. coli* strains and no presumptive carbapenemases producing *E. coli* strain. 1 commensal *E. coli* strains was resistant to 3rd generation cephalosporinases. They were tested for antimicrobial resistance 129 commensal *E. coli* strains, 32 ESBL/AmpC producing *E. coli* strains. The selection of the commensal *E. coli* strains for antimicrobial testing were based on epidemiological unit, geographical origin of the samples/farm and date of sampling.

Methods used for collecting data: in accordance with SN of NSVFSA no 27658/28.12.2020, respectively Annex VII - Report of the results of AMR monitoring. The document contains the information requested in Part B of Decision No 1729/2020. The data were collected by NRL-AR and transmitted to NSVFSA.

39.2. Stratification procedure per animal population and food category

They were sampled and tested 141 caecal samples from slaughtered bovine originate from randomly selected farms and randomly selected slaughterhouses, respectively 24 slaughterhouses from 17 different counties, situated in different country regions.

39.3. Randomisation procedure per animal population and food category

The random sampling plan was stratified per slaughterhouse by allocating the number of samples collected per slaughterhouse proportionally to the annual throughput of the slaughterhouse. Sampling was performed on a random selection regarding sampling days, during each month; cecum samples were chosen at random, regardless of the origin of the slaughtered animals (farms/holdings in Romania).

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

The isolation of indicator commensal *Escherichia coli* was based on an 'in house' method and for the specific monitoring of ESBL-/AmpC-/Carbapenemase-producers were used the protocols developed by the EURL-AR. For specific monitoring on Carbapenemase-producers was used selective media in commercial plates.

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

Micro-dilution method performed according to the method described by EUCAST and CLSI, accepted as ISO 20776-1:2020. Antimicrobials included in monitoring are: Ampicillin, Amikacin, Azithromycin, Cefotaxime, Ceftazidime, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Meropenem, Nalidixic acid, Sulfamethoxazole, Tetracycline, Tigecycline, Trimethoprim (first panel) and Cefepime, Cefoxitin, Ceftazidime, Ceftazidime + clavulanic acid, Cefotaxime, Cefotaxime + clavulanic acid, Ertapenem, Imipenem, Meropenem, Temocillin (second panel), according to the Decision 1729/2020/EU.

Cut-off values used in testing are in conformity with Decision 1729/2020/EU (table 2 and table 5).

39.6. Library preparation used

39.7. Version of the predictive tool

39.8. Results of investigation

There were tested 141 caecal samples from slaughtered bovine for detection of commensal *E. coli* and ESBL/AmpC/carbapenemase producing *E. coli*. There were isolated 141 commensal *E. coli* strains, 32 ESBL/AmpC producing *E. coli* strains and no presumptive carbapenemases producing *E. coli* strain. 1 commensal *E. coli* strains was resistant to 3rd generation cephalosporinases. They were tested for antimicrobial resistance 129 commensal *E. coli* isolates, 32 ESBL/AmpC producing *E. coli* isolates and no presumptive carbapenemases producing *E. coli* isolate.

39.9. 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

40. General Description of Antimicrobial Resistance Monitoring: Bovine animals under one year of age / *Salmonella*, non-pathogenic

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

According to Commission Implementing Decision No 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria and repealing Implementing Decision 2013/652/EU, *Salmonella* spp. strains isolated from bovine animals under one year of age caecal samples which are tested for antimicrobial susceptibility were obtained from monitoring programmes, based on randomised sampling design. The commensal *Salmonella* spp. isolates and ESBL/AmpC/carbapenemase producing are originate from randomly selected farms and randomly selected within the slaughterhouses.

2021 - Type of specimen taken: 141 caecal samples from slaughtered bovine.

Frequency of the sampling: the collected samples at slaughter were evenly distributed over each month of the year to enable the different seasons to be covered, respectively from 15th of April to 13th of December 2021. They were sampled between 1 and 9 slaughter batches per month, respectively between 1 and 40 slaughter batches per year from different slaughterhouse. Only one representative sample of caecal content per holding, derived from a different number of carcasses were gathered to account for clustering.

Methods of sampling (description of sampling techniques): within slaughterhouses, after the mass gastrointestinal examination, the official vet performed cecum sampling on special designated location, that to avoid carcasses contamination with the intestinal contents. To avoid cross contamination, the cecum has to be sampled with caution by double ligation and then sectioning between ligatures;

- for a slaughtered animals batch, it shall be sampled a single caecum, from one animal, which have to be randomly chosen on cutting line. The traceability has to be assured for each sample;

- cecum must be untouched and full;

- cecum sample were collected in a single sterile bag for a transport.

It is labelled with a unique number which is identical with the analysis request number and sealed

- Samples should not be exposed to extreme temperatures and as soon as possible have to be transported to the laboratory for tests them.

Procedures for the selection of isolates for antimicrobial testing: there were **detected** (isolated and serotyped) 4 *Salmonella spp.* strains. They were tested for antimicrobial resistance 4 *Salmonella spp.* The selection of *Salmonella spp.* strains for antimicrobial testing were based on epidemiological unit, geographical origin of the samples/farm and date of sampling and serotype.

Methods used for collecting data: in accordance with SN of NSVFSA no 27658/28.12.2020, respectively Annex VII - Report of the results of AMR monitoring. The document contains the information requested in Part B of Decision No 1729/2020. The data were collected by NRL-AR and transmitted to NSVFSA.

40.2. Stratification procedure per animal population and food category

They were sampled and tested 141 caecal samples from slaughtered bovine originate from randomly selected farms and randomly selected slaughterhouses, respectively 24 slaughterhouses from 17 different counties, situated in different country regions.

40.3. Randomisation procedure per animal population and food category

The random sampling plan was stratified per slaughterhouse by allocating the number of samples collected per slaughterhouse proportionally to the annual throughput of the slaughterhouse. Sampling was performed on a random selection regarding sampling days, during each month; cecum samples were chosen at random, regardless of the origin of the slaughtered animals (farms/holdings in Romania).

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

The isolation of *Salmonella* spp. was based on SR EN ISO 6579-1:2017/A1:2020 and serotyping was based on ISO/TR 6579-3:2014.

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

Micro-dilution method performed according to the method described by EUCAST and CLSI, accepted as ISO 20776-1:2020. Antimicrobials included in monitoring are: Ampicillin, Amikacin, Azithromycin, Cefotaxime, Ceftazidime, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Meropenem, Nalidixic acid, Sulfamethoxazole, Tetracycline, Tigecycline, Trimethoprim (first panel) and Cefepime, Cefoxitin, Ceftazidime, Ceftazidime + clavulanic acid, Cefotaxime, Cefotaxime + clavulanic acid, Ertapenem, Imipenem, Meropenem, Temocillin (second panel), according to the Decision 1729/2020/EU.

Cut-off values used in testing are in conformity with Decision 1729/2020/EU (table 2 and table 5).

40.6. Library preparation used

40.7. Version of the predictive tool

40.8. Results of investigation

There were tested 141 caecal samples from slaughtered bovine for detection of *Salmonella* spp. There were isolated and tested for antimicrobial resistance 4 *Salmonella* spp. strains. No isolate was resistant to 3rd generation cephalosporinases

40.9. 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

41. General Description of Antimicrobial Resistance Monitoring: Bovine animals under one year of age/*Campylobacter jejuni* and *Campylobacter coli*

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

According to Commission Implementing Decision No 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria and repealing Implementing Decision 2013/652/EU, *Campylobacter jejuni* and *Campylobacter coli* strains isolated from bovine animals under one year of age caecal samples which are tested for antimicrobial susceptibility were obtained from monitoring programmes, based on randomised sampling design. *Campylobacter jejuni* and

Campylobacter coli isolates are originated from randomly selected farms and randomly selected within the slaughterhouses.

2021 - Type of specimen taken: 141 caecal samples from slaughtered bovine.

Frequency of the sampling: the collected samples at slaughter were evenly distributed over each month of the year to enable the different seasons to be covered, respectively from 5th of April to 9th of December 2021. They were sampled between 1 and 9 slaughter batches per month, respectively between 1 and 40 slaughter batches per year from different slaughterhouse. Only one representative sample of caecal content per holding, derived from a different number of carcasses were gathered to account for clustering.

Methods of sampling (description of sampling techniques): within slaughterhouses, after the mass gastrointestinal examination, the official vet performed cecum sampling on special designated location, that to avoid carcasses contamination with the intestinal contents. To avoid cross contamination, the cecum has to be sampled with caution by double ligation and then sectioning between ligatures;

- for a slaughtered animals batch, it shall be sampled a single caecum, from one animal, which have to be randomly chosen on cutting line. The traceability has to be assured for each sample;
- cecum must be untouched and full;
- cecum sample were collected in a single sterile bag for a transport.

It is labelled with a unique number which is identical with the analysis request number and sealed

- samples should not be exposed to extreme temperatures and as soon as possible have to be transported to the laboratory for tests them.

Procedures for the selection of isolates for antimicrobial testing: there were isolated 42 *Campylobacter jejuni* and 8 *Campylobacter coli*. They were tested for antimicrobial resistance 39 *Campylobacter jejuni* and 8 *Campylobacter coli* strains. The selection of *Campylobacter jejuni* and *Campylobacter coli* for antimicrobial testing were based on geographical origin of the samples/farm and date of sampling.

Methods used for collecting data: in accordance with SN of NSVFSA no 27658/28.12.2020, respectively Annex VII - Report of the results of AMR monitoring. The document contains the information requested in Part B of Decision No 1729/2020. The data were collected by NRL-AR and transmitted to NSVFSA.

41.2. Stratification procedure per animal population and food category

They were sampled and tested 141 caecal samples from slaughtered bovine originate from randomly selected farms and randomly selected slaughterhouses, respectively 24 slaughterhouses from 17 different counties, situated in different country regions.

41.3. Randomisation procedure per animal population and food category

The random sampling plan was stratified per slaughterhouse by allocating the number of samples collected per slaughterhouse proportionally to the annual throughput of the slaughterhouse. Sampling was performed on a random selection regarding sampling days, during each month; cecum samples were chosen at random, regardless of the origin of the slaughtered animals (farms/holdings in Romania).

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

The detection and identification of *Campylobacter spp.* was performed according EURL *Campylobacter* protocol, respectively *Protocol for isolation, identification and storage of Campylobacter jejuni and/or C. coli for the EU monitoring of antimicrobial resistance*. This document is based on the EN ISO 10272-1: 'Microbiology of the food chain – horizontal method for detection and enumeration of *Campylobacter spp.*

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

Micro-dilution method performed according to the method described by EUCAST and CLSI, accepted as ISO 20776-1:2020. Antimicrobials included in monitoring are: Ciprofloxacin, Erythromycin, Gentamicin, Ertapenem, Chloramphenicol and Tetracycline, according to the Decision 1729/2020/EU. Cut-off values used in testing are in conformity with Decision 1729/2020/EU (table 3).

41.6. Library preparation used

41.7. Version of the predictive tool

41.8. Results of investigation

There were tested 141 caecal samples from slaughtered bovine for detection of *Campylobacter jejuni* and *Campylobacter coli*. There were isolated and identified 42 *Campylobacter jejuni* and 8 *Campylobacter coli*. They were tested for antimicrobial resistance 39 *Campylobacter jejuni* and 8 *Campylobacter coli*.

41.9. 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

42. General Description of Antimicrobial Resistance Monitoring: Pigs - fattening pigs/*Salmonella*, non-pathogenic

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

According to Commission Implementing Decision No 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria and repealing Implementing Decision 2013/652/EU, *Salmonella* spp. strains isolated from fattening pigs caecal samples which are tested for antimicrobial susceptibility were obtained from monitoring programmes, based on randomised sampling design. The commensal *Salmonella* spp. isolates and ESBL/AmpC/carbapenemase producing are originate from randomly selected farms and randomly selected within the slaughterhouses.

2021 - Type of specimen taken: 239 caecal samples from slaughtered fattening pigs.

Frequency of the sampling: the collected samples at slaughter were evenly distributed over each month of the year to enable the different seasons to be covered, respectively from 5th of April to 13th of December 2021. They were sampled between 1 and 6 slaughter batches per month, respectively between 3 and 31 slaughter batches per year from different slaughterhouse. Only one representative sample of caecal content per holding, derived from a different number of carcasses were gathered to account for clustering.

Methods of sampling (description of sampling techniques): within slaughterhouses, after the mass gastrointestinal examination, the official vet performed cecum sampling on special designated location,

that to avoid carcasses contamination with the intestinal contents. To avoid cross contamination, the cecum has to be sampled with caution by double ligation and then sectioning between ligatures;

- for a slaughtered animals batch, it shall be sampled a single caecum, from one animal, which have to be randomly chosen on cutting line. The traceability has to be assured for each sample;

- cecum must be untouched and full;

- cecum sample were collected in a single sterile bag for a transport.

It is labelled with a unique number which is identical with the analysis request number and sealed

- samples should not be exposed to extreme temperatures and as soon as possible have to be transported to the laboratory for tests them.

Procedures for the selection of isolates for antimicrobial testing: there were detected (isolated and serotyped) 110 *Salmonella* spp. strains. They were tested for antimicrobial resistance 104 *Salmonella* spp. 6 strains were resistant to 3rd generation cephalosporinases. The selection of *Salmonella* spp. strains for antimicrobial testing were based on epidemiological unit, geographical origin of the samples/farm and date of sampling and serotype.

Methods used for collecting data: in accordance with SN of NSVFSA no 27658/28.12.2020, respectively Annex VII - Report of the results of AMR monitoring. The document contains the information requested in Part B of Decision No 1729/2020. The data were collected by NRL-AR and transmitted to NSVFSA.

42.2. Stratification procedure per animal population and food category

They were sampled and tested 239 caecal samples from slaughtered fattening pigs originate from randomly selected farms and randomly selected slaughterhouses, respectively 23 slaughterhouses from 17 different counties, situated in different country regions.

42.3. Randomisation procedure per animal population and food category

The random sampling plan was stratified per slaughterhouse by allocating the number of samples collected per slaughterhouse proportionally to the annual throughput of the slaughterhouse. Sampling was performed on a random selection regarding sampling days, during each month; cecum samples were chosen at random, regardless of the origin of the slaughtered animals (farms/holdings in Romania).

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

The isolation of *Salmonella* spp. was based on SR EN ISO 6579-1:2017/A1:2020 and serotyping was based on ISO/TR 6579-3:2014.

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

Micro-dilution method performed according to the method described by EUCAST and CLSI, accepted as ISO 20776-1:2020. Antimicrobials included in monitoring are: Ampicillin, Amikacin, Azithromycin, Cefotaxime, Ceftazidime, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Meropenem, Nalidixic acid, Sulfamethoxazole, Tetracycline, Tigecycline, Trimethoprim (first panel) and Cefepime, Cefoxitin,

Ceftazidime, Ceftazidime + clavulanic acid, Cefotaxime, Cefotaxime + clavulanic acid, Ertapenem, Imipenem, Meropenem, Temocillin (second panel), according to the Decision 1729/2020/EU.

Cut-off values used in testing are in conformity with Decision 1729/2020/EU (table 2 and table 5).

42.6. Library preparation used

42.7. Version of the predictive tool

42.8. Results of investigation

There were tested 239 caecal samples from slaughtered fattening pigs for detection of *Salmonella spp.* There were isolated 110 *Salmonella spp.* strains. They were tested for antimicrobial resistance 104 *Salmonella spp.* isolates and 6 of them were resistant to 3rd generation cephalosporinases.

42.9. 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