European Food Safety Authority

ZOONOSES MONITORING

Albania

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

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

IN 2019

PREFACE

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

The report contains information on trends and sources of zoonoses and zoonotic agents in Albania during the year 2019.

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

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

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

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

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Table Susceptible animal population

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

DISEASE STATUS TABLES

DISEASE STATUS TABLES

PREVALENCE TABLES

Table LISTERIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Crustaceans - prawns - raw - frozen - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - prawns - raw - frozen - Processing plant - Canada - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Crustaceans - shrimps - Processing plant - Canada - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Crustaceans - shrimps - Processing plant - Denmark - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Croatia - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Fish - raw - frozen - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Shkodër	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
Elbasan	Meat from pig - meat products - fermented sausages - Retail - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Meat from pig - meat products - fresh raw sausages - Retail - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
Tiranë	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Tiranë	Meat from pig - meat products - fresh raw sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
Gjirokastër	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	8	0	detection	Listeria monocytogenes	8	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - fresh raw sausages - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Gjirokastër	Meat from bovine animals - minced meat - intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - fermented sausages - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw but intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - mechanically separated meat (MSM) - Processing plant - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Meat, mixed meat - meat products - fresh raw sausages - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	2	0	detection	Listeria monocytogenes	2	0
	Sauce and dressings - Processing plant - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0

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	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - Processing plant - Canada - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - Processing plant - Denmark - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Processing plant - Argentina - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Processing plant - Croatia - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Processing plant - Italy - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Processing plant - Spain - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Crustaceans - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Crustaceans - shrimps - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Crustaceans - shrimps - Processing plant - Canada - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - Processing plant - Denmark - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Eggs - table eggs - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	36	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	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	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Croatia - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	17	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Greece - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Italy - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Spain - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Tunisia - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - raw - chilled - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Fish - raw - frozen - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Fish - raw - frozen - Processing plant - Croatia - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - mussels - non-depurated - Farm - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	111	2	Salmonella	2
	Meat from bovine animals - mechanically separated meat (MSM) - Border Control Posts - Brazil - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	2	Salmonella	2
	Meat from bovine animals - offal - Processing plant - Austria - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - offal - Processing plant - Denmark - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from bovine animals - offal - Processing plant - Serbia - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	Slide agglutination according White Kauffmann Le Minor Scheme	1	1	Salmonella Virchow	1
	Meat from broilers (Gallus gallus) - carcase - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Border Control Posts - Brazil - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	147	8	Salmonella	8
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - France - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Ireland - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - hard-type - frozen - Border Control Posts - Brazil - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	102	1	Salmonella	1
	Meat from pig - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Cyprus - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat, mixed meat - meat preparation - Processing plant - Slovenia - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Sauce and dressings - mayonnaise - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Sweets - Processing plant - Albania - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
Shkodër	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	6	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	3	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Eggs - table eggs - Conservation facilities - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	7	0	Salmonella	0
	Eggs - table eggs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	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
Shkodër	Meat from bovine animals - minced meat - intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	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 - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
Tiranë	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Eggs - table eggs - Farm - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Eggs - table eggs - Farm - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	5	0	Salmonella	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from bovine animals - mechanically separated meat (MSM) - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from bovine animals - minced meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	7	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Farm - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	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
Tiranë	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	4	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 - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Farm - Not Available - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Retail - Not Available - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - soft-type - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - soft-type - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - soft-type - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	3	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - soft-type - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - soft-type - frozen - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat, mixed meat - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	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
Tiranë	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
Gjirokastër	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Eggs - raw material (liquid egg) for egg products - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Eggs - table eggs - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	3	0	Salmonella	0
	Eggs - table eggs - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Fish - raw - chilled - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	3	0	Salmonella	0
	Fishery products, unspecified - cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Other	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - frozen - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals - meat products - fresh raw sausages - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals - mechanically separated meat (MSM) - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - frozen - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	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
Gjirokastër	Meat from broilers (Gallus gallus) - fresh - chilled - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - hard-type - frozen - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	3	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - soft-type - frozen - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - frozen - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - frozen - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from poultry, unspecified - offal - liver - chilled - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	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
Gjirokastër	Meat from poultry, unspecified - offal - liver - frozen - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from sheep - mechanically separated meat (MSM) - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from sheep - mechanically separated meat (MSM) - Slaughterhouse - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from sheep - offal - liver - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	6	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat, mixed meat - meat products - pâté - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	3	0	Salmonella	0
	Molluscan shellfish - raw - frozen - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Sauce and dressings - mayonnaise - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Sauce and dressings - Processing plant - Albania - food sample - Surveillance - HACCP and own check - Census	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
Korcë	Eggs - table eggs - Packing centre - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	4	0	Salmonella	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Slaughterhouse - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	2	0	Salmonella	0
	Meat, mixed meat - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002	5	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 pigs - final product - Processing plant - Austria - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other feed material - Border Control Posts - Brazil - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other feed material - Processing plant - Italy - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	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

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

Strong Foodborne Outbreaks: detailed data

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

Weak Foodborne Outbreaks: detailed data

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

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella Schwarzengrund in Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Brazil

Sampling Details:

	AM substance	Cefotaxim	Cefoxitin	Ceftazidim	Chloramphenicol	Gentamicin	Meropenem	Norfloxacin
	ECOFF	**20**	**21**	**20**	**19**	**16**	**27**	**22**
	Lowest limit	**0.064**	**0.5**	**0.125**	**2**	**0.25**	**0.016**	**0.016**
	Highest limit	**0.5**	**8**	**2**	**16**	**1**	**0.064**	**0.25**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
>0.064							1	
>0.25								1
>0.5		1						
>1						1		
>2				1				
>8			1					
>16					1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Brazil

Sampling Details:

	AM substance	Cefotaxim	Cefoxitin	Ceftazidim	Chloramphenicol	Gentamicin	Meropenem	Norfloxacin	Tetracycline
	ECOFF	**20**	**21**	**20**	**19**	**16**	**27**	**22**	**17**
	Lowest limit	**0.064**	**0.5**	**0.125**	**2**	**0.25**	**0.016**	**0.016**	**0.5**
	Highest limit	**0.5**	**8**	**2**	**16**	**1**	**0.064**	**0.25**	**4**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
>0.064							2		
>0.25								2	
>0.5		2							
>1						2			
>2				2					
>4									2
>8			2						
>16					2				

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from bovine animals - mechanically separated meat (MSM)

Sampling Stage: Border Control Posts

Sampling Type: food sample

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Brazil

Sampling Details:

	AM substance	Cefotaxim	Cefoxitin	Ceftazidim	Chloramphenicol	Gentamicin	Meropenem	Norfloxacin	Tetracycline
	ECOFF	**20**	**21**	**20**	**19**	**16**	**27**	**22**	**17**
	Lowest limit	**0.064**	**0.5**	**0.125**	**2**	**0.25**	**0.016**	**0.016**	**0.5**
	Highest limit	**0.5**	**8**	**2**	**16**	**1**	**0.064**	**0.25**	**4**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
>0.064							2		
>0.25								2	
>0.5		2							
>1						2			
>2				2					
>4									2
>8			2						
>16					2				

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat, mixed meat - meat preparation

Sampling Stage: Unspecified

Sampling Type: food sample

Sampling Context: Surveillance

Sampler: HACCP and own check

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Albania

Sampling Details:

	AM substance	Cefotaxim	Cefoxitin	Ceftazidim	Chloramphenicol	Gentamicin	Meropenem	Norfloxacin	Tetracycline
	ECOFF	**20**	**21**	**20**	**19**	**16**	**27**	**22**	**17**
	Lowest limit	**0.064**	**0.5**	**0.125**	**2**	**0.25**	**0.016**	**0.016**	**0.5**
	Highest limit	**0.5**	**8**	**2**	**16**	**1**	**0.064**	**0.25**	**4**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
>0.064							1		
>0.25								1	
>0.5		1							
>1						1			
>2				1					
>4									1
>8			1						
>16					1				

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig - mechanically separated meat (MSM) - hard-type - frozen

Sampling Stage: Border Control Posts

Sampling Type: food sample

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Brazil

Sampling Details:

	AM substance	Cefotaxim	Cefoxitin	Ceftazidim	Chloramphenicol	Gentamicin	Meropenem	Norfloxacin	Tetracycline
	ECOFF	**20**	**21**	**20**	**19**	**16**	**27**	**22**	**17**
	Lowest limit	**0.064**	**0.5**	**0.125**	**2**	**0.25**	**0.016**	**0.016**	**0.5**
	Highest limit	**0.5**	**8**	**2**	**16**	**1**	**0.064**	**0.25**	**4**
	N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
>0.064							7		
>0.25								7	
>0.5		7							
>1						7			
>2				7					
>4									7
>8			7						
>16					7				

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Live bivalve molluscs - mussels - non-depurated

Sampling Stage: Farm

Sampling Type: food sample

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Albania

Sampling Details:

	AM substance	Cefotaxim	Cefoxitin	Ceftazidim	Chloramphenicol	Gentamicin	Meropenem	Norfloxacin	Tetracycline
	ECOFF	**20**	**21**	**20**	**19**	**16**	**27**	**22**	**17**
	Lowest limit	**0.064**	**0.5**	**0.125**	**2**	**0.25**	**0.016**	**0.016**	**0.5**
	Highest limit	**0.5**	**8**	**2**	**16**	**1**	**0.064**	**0.25**	**4**
	N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**3**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
>0.064							4		
>0.25								3	
>0.5		4							
>1						4			
>2				4					
>4									1
>8			4						
>16					4				

Table Antimicrobial susceptibility testing of Salmonella Virchow in Other feed material

Sampling Stage: Cutting plant

Sampling Type: food sample

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Italy

Sampling Details:

	AM substance	Cefotaxim	Cefoxitin	Ceftazidim	Chloramphenicol	Gentamicin	Meropenem	Norfloxacin	Tetracycline
	ECOFF	**20**	**21**	**20**	**19**	**16**	**27**	**22**	**17**
	Lowest limit	**0.064**	**0.5**	**0.125**	**2**	**0.25**	**0.016**	**0.016**	**0.5**
	Highest limit	**0.5**	**8**	**2**	**16**	**1**	**0.064**	**0.25**	**4**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
>0.064							1		
>0.25								1	
>0.5		1							
>1						1			
>2				1					
>4									1
>8			1						
>16					1				

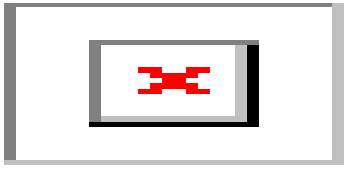
ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

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	27-Jul-2020
Prevalence	02-Sep-2020

Albania, Text Forms 2019

1. Institutions and Laboratories involved in zoonosis monitoring and reporting

Albanian National Food Authority (NFA) has 7 laboratories, operational of testing of the categories: physic-chemical and microbiological, animal health and welfare, and plant protection. Their functions are based on the Law No. 9863, dated 28.01.2008 “On food” amended, Law No. 10465, dated 29.09.2011 “On veterinary service in the Republic of Albania” amended, Law No. 105/2016, dated 27.10.2016 “On plant protection”, Law No. 10433, dated 16.6.2011 “On inspection in the Republic of Albania”, as well as orders and instructions of the Minister of Agriculture and Rural Development upon Authority’s objectives. Also, laboratory activity is part of the official control and its activities are based upon an annual risk based national plan, taking into account their capacities, monitoring plans, emergency plans as well as other activities provided by the business operators.

Samples taken from Albanian National Food Authority inspectors based on Order No. 2 dated 26.02.2019 of the Agricultural Minister "Approving the National Plan of risk-based official controls and sampling for food, feed, plant protection and agricultural inputs, as well as sampling in BIPs" the are analyzed in regional laboratories, exceptions are also taken in cases where there is doubt and some cases of self-control by a food business operator. The documentation used is based mainly on Order No. 24 dated 31.01.2013 of the Agricultural Minister “On unification of procedures, methods and docs of laboratories’ functioning”- from submitting the sample to the lab, issuing of the test report, also the procedures followed. Also, based on this order is performed the online information exchange with other institutions in cases of non-conformities, to make possible the identification and measure taking of the products that threat food safety.

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

2. Animal population

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

Ministry of Agriculture and Rural Development for 2019 – Number of heads for livestock and their production

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

For 2019, there are identified and registered in the RUDA system 1,323 new farms. For 2019, in all farms in entire country, there were identified and registered:
Number of livestock (in 000 heads): total cattle - 416 / Small ruminants - 2,621 / Total pigs – 184 / Total equine – 87 / Total poultry - 8,179 / Bee (Beehives) - 288

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

Referring to the available livestock data for 2019, there is a decrease in the number of livestock almost for every category especially cattle and small ruminant's category. This decrease was due to reduction of the number of heads in potential farms (cattle), the lack of market as well as migration, emigration and aging population.

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

Livestock products (in 000 ton):

Milk - 1,112.2 / Eggs (million/pieces) - 864.5 / Wool - 3.2 / Honey - 4.1 / Meat live weight - 156.9

Municipality	Total	Cattle	Sheep & Goats	Pigs	Poultry	Equidae
Berat	**59**	20	25	1	6	7
Dibër	**61**	32	18	1	3	7
Durrës	**41**	21	5	2	12	1
Elbasan	**83**	39	25	2	8	10
Fier	**127**	62	28	7	23	7
Gjirokastër	**61**	16	38	0	2	5
Korçë	**91**	36	33	3	8	10
Kukës	**34**	24	5	0	1	3
Lezhë	**64**	30	10	21	3	1
Shkodër	**78**	40	12	16	6	3
Tiranë	**58**	35	11	1	6	4
Vlorë	**84**	23	49	3	4	6
TOTAL	**841**	378	259	57	82	64

5. Additional information

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

3. General evaluation*: Please add the zoonotic agent

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

Animal health monitoring (veterinary surveillance) based on strategy programs includes the following activities:

- Passive surveillance for major live animal diseases, by reporting any suspected cases;
- Active visual surveillance for LSD;
- Active surveillance and control against brucellosis in cattle;
- Active surveillance and control against tuberculosis;
- Vaccination against brucellosis in small ruminants;
- Vaccination against anthraxes' (vaccination of wild animals);
- Vaccination against LSD disease;
- Vaccination against Rabies on Red Foxes.

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

Lumpy skin disease

There are 238,052 animals vaccinated during October 2018 – October 2019, Vaccination is still ongoing. The vaccination is going to continue for 2020 with of support of EU.

Bovine brucellosis

The control of bovine brucellosis still continues for year 2019. For 2019 control and monitoring are the large dairy farms with 10 heads of animals and above, selected on the basis of risk. Currently there are 1,100 farms under monitoring for 2019. Monitoring is extended throughout the year in three phases (no sooner than three months, but no later than four months). The first two phases have been completed, of which two positive farms have been tested, with the milk ring test. Animals of the resultant positive farms, were also tested with RBT and CFT. Positive heads have been eliminated and farmers have been compensated under the applicable legislation.

Brucellosis in small ruminants

For 2019, there were vaccinated 505,733 small ruminants. Post-vaccine monitoring of vaccinated animals resulted in 95% vaccination efficacy. Vaccination against brucellosis in small ruminants began in April 2019 and ended in July 2019. For post-vaccine, monitoring in 224 farms was tested at ISUV.

Bovine tuberculosis

Tuberculosis control and monitoring programs consist of animal control with the tuberculin test (bovine and aviar). For 2019, bovine animals were tested on farms with 10 heads or more. From 1,118 farms that have been controlled and tested, 11 farms has been resulted positive.

Anthrax

Anthrax control programs consist of vaccinating cattle, small ruminants, pigs and equine animals. For 2019, there are 75,012 animals vaccinated against anthrax. Five new outbreaks have been identified for 2019. In these outbreaks a total of 6,300 heads have been.

Rabies
The Rabies control program is supported by the EU-funded PAZA Project. No vaccination process has been carried out for 2019 due to the tendering process that opens at the beginning of November.

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

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. Description of Monitoring/Surveillance/Control programmes system*: Please add the matrix and zoonotic agent

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

The control programs related to animal health and animal welfare include:

- Strategy for the control of Anthrax;
- Bovine Brucellosis Control Program;
- Small ruminants Brucellosis Control Program;
- Bovine Tuberculosis Control Program;
- Lumpy Skin Disease Control Plan.

Samples presented for prevalence are taken from the inspectors of the regional directorates of NFA, based on the order of Minister of Agriculture and Rural Development No. 2 dated 26.02.2019"On approval of "The national plan of official controls, risk-based and sampling for food, feed and plant protection as well as sampling plan in Border Inspection Posts", as well as HACCP business. They have been tested in the regional directorates laboratories, currently not accredited, according the Order upper mentioned. Sampling, testing method, according the procedures defined in the national legislation and specifically samples testing for prevalence listeria and salmonella is performed according to the Order No. 645, dated 23.12.2016 on "Substituting Annex I, Order No. 234 dated 20.05.2014, on approval of the regulation "On microbiological criteria for food products". This instruction is partly aligned to the Regulation CE 2073/2005.

Animal health monitoring (veterinary surveillance) based on strategy programs includes the following activities:

- **Passive surveillance for major live animal diseases, by reporting any suspected cases;**
- **Active visual surveillance for LSD;**
- **Active surveillance and control against brucellosis in Cattle;**
- **Active surveillance and control against Tuberculosis;**
- **Vaccination against brucellosis in small ruminants;**
- **Vaccination against anthraxes' (vaccination of wild animals);**
- **Vaccination against LSD disease;**
- **Vaccination against Rabies on Red Foxes**

2. Measures in place[(b)]

In cases of non-conformity, a rapid notification occurs on line, based on the Order no. 24 (upper mentioned) among the respective structures defined in this order: NFA; FSVI; MARD.
After notification, inspectors perform in site inspection and verification and take appropriate measures according the national legislation into force

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

On line rapid notification (see above) from laboratory and respective inspection unit in the NFA Regional Directorate.

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]
After each notification from these cases, inspectors of NFA Regional Directorate perform in site inspection and verification and take appropriate measures according the national legislation into force.
5. Additional information

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

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

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

(c): Mandatory: Yes/No.

(d): Minimum five years.

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

5. Food-borne Outbreaks

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

Food borne outbreaks are monitored form the Public Health Institute and they report also to the WHO. Notification system in place functioning under Public Health Institute (PHI) from field to the relevant structures. After notification occurs, PHI informs immediately their line Ministry (Ministry of Health), Ministry of Agriculture and Rural Development and NFA.

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

- Foodborne intoxication for 2019 – 1680 cases
- Salmonellosis – 354 cases
- Zoonosis – 103 cases

Population group affected - General Population
Cause of outbreak and special contributing circumstances – Foodborne
Action (e.g. investigation, containment clinical and public health measures) – Yes
Partners (national and international) in responding to the outbreak – PHI, MOH, NFA

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

4. Descriptions of single outbreaks of special interest

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

Cases are monitored from respective institutions.

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

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.

Institutions and laboratories involved in antimicrobial resistance monitoring and reporting

All Salmonella-isolates in food have to be sent to the Food Safety and Veterinary Institute for typing and AST.
All Salmonella spp. isolated were analysed to the Food Safety and Veterinary Institute where the susceptibility testing was performed using the micro-dilution-method in accordance with the Commission Implementing Decision 2013/652/EU and the disk diffusion method.

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

General Antimicrobial Resistance Evaluation

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

First time to report AMR for Albania

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

We do not have data of Salmonella serovars in humans in order to assess the possible role as causative agents.

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

No measures foreseen in case of resistant isolates.

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

Write text here please

5. Additional information

There is no control program either National Action Plan (NAP). All food categories were subjected to surveillance of Official sampling according to the national control program on risk based, established in accordance with National plan of risk-based official controls. All Salmonella isolated from poultry meat, pig meat, bovine meat, meat preparation, mussels were typed and susceptibility tested using the disk diffusion test in the FSVI.

(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 cephalosporin's (cefotaxime) and fluoroquinolones (ciprofloxacin) and colistin (polymyxin);**

General Description of Antimicrobial Resistance Monitoring*; Meat from broilers (Gallus gallus) Salmonella spp
1. General description of sampling design and strategy[(a)]
All Salmonella from meat broiler in accordance with 1.7 of Chapter 1 of Annex I were analyzed to the FSVI for typing and for antimicrobial susceptibility testing according to Commission Implementing Decision 2013/652/EU.
2. Stratification procedure per animal population and food category
Meat broilers are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).
3. Randomisation procedure per animal population and food category
Meat broilers are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).
4. Analytical method used for detection and confirmation[(b)]
ISO 6579-1: 2017 and ISO 6579-3: 2014
5. Laboratory methodology used for detection of antimicrobial resistance[(C)]
Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU). FSVI: All isolates were subjected to susceptibility testing as described by the EUCAST, which is accepted as an international reference method (ISO standard 20776-1:2006 (ISO, 2006)), as stated in Commission Implementing Decision 2013/652/EU (Annex, Part A, Table 1, panel 1). In case of observed resistance to 3rd-generation-cephalosporines or meropenem the testing with panel 2 (Table 4) was performed. Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).
6. Results of investigation
In 2019, 154 broilers meat from batches of mechanically separated meat, frozen from border inspection activities in Albania were sampled. Salmonella were isolated from 3 batches (3 isolates). Two isolates of S. Typhimurium and one isolate of S. Schwarzengrund were found susceptible to all the tested antimicrobial.
7. Additional information
Publication of the results in the Report on Antimicrobial Resistance in Albania, 2019
*** 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**

General Description of Antimicrobial Resistance Monitoring*; Meat from pig Salmonella spp

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

All Salmonella from pig meat in accordance with point 1.7 of Chapter 1 of Annex I to Regulation (EC) No 2073/2005 were analyzed to the FSVI for typing and for antimicrobial susceptibility testing according to Commission Implementing Decision 2013/652/EU.

2. Stratification procedure per animal population and food category

Carcasses of pigs are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).

3. Randomisation procedure per animal population and food category

Carcasses of pigs are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).

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

ISO 6579-1: 2017 and ISO 6579-3 of 2014

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).
FSVI: All isolates were subjected to susceptibility testing as described by the EUCAST, which is accepted as an international reference method (ISO standard 20776-1:2006 (ISO, 2006)), as stated in Commission Implementing Decision 2013/652/EU (Annex, Part A, Table 1, panel 1). In case of observed resistance to 3rd-generation-cephalosporines or meropenem the testing with panel 2 (Table 4) was performed.
Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).

6. Results of investigation

In 2019, 105 pig meat from batches of mechanically separated meat, frozen from border inspection activities in Albania were sampled. Salmonella were isolated from 7 batches (7 isolates). Four strains of S. Typhimurium were found found susceptible to all the tested antimicrobial.

7. Additional information

Publication of the results in the Report on Antimicrobial Resistance in Albania, 2019

*** 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

General Description of Antimicrobial Resistance Monitoring*; Meat from bovine Salmonella spp

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

All Salmonella from bovine meat in accordance with point 1.7 of Chapter 1 of Annex I to Regulation (EC) No 2073/2005 were analyzed to the FSVI for typing and for antimicrobial susceptibility testing according to Commission Implementing Decision 2013/652/EU.

2. Stratification procedure per animal population and food category

Carcasses of bovine are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).

3. Randomisation procedure per animal population and food category

Carcasses of bovine are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).

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

ISO 6579-1: 2017 and ISO 6579-3 of 2014

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).
FSVI: All isolates were subjected to susceptibility testing as described by the EUCAST, which is accepted as an international reference method (ISO standard 20776-1:2006 (ISO, 2006)), as stated in Commission Implementing Decision 2013/652/EU (Annex, Part A, Table 1, panel 1). In case of observed resistance to 3rd-generation-cephalosporines or meropenem the testing with panel 2 (Table 4) was performed.
Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).

6. Results of investigation

In 2019, 10 bovine meat from batches of mechanically separated meat, frozen from border inspection activities in Albania were sampled. Salmonella were isolated from two batches (two isolates). All the two strains of S. Typhimurium were found susceptible to all the tested antimicrobial.

7. Additional information

Publication of the results in the Report on Antimicrobial Resistance in Albania, 2019

*** 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

General Description of Antimicrobial Resistance Monitoring*; mixed meat - meat preparation Salmonella spp

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

All Salmonella from meat preparation in accordance with point 1.4 of Chapter 1 of Annex I to Regulation (EC) No 2073/2005 were analyzed to the FSVI for typing and for antimicrobial susceptibility testing according to Commission Implementing Decision 2013/652/EU.

2. Stratification procedure per animal population and food category

Meat preparation are sampled according to Regulation (EC) No 2073/2005 (HACCP and own checks, Unspecified).

3. Randomisation procedure per animal population and food category

Meat preparation are sampled according to Regulation (EC) No 2073/2005 (HACCP and own checks, Unspecified).

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

ISO 6579-1: 2017 and ISO 6579-3 of 2014

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).
FSVI: The isolate was subjected to susceptibility testing as described by the EUCAST, which is accepted as an international reference method (ISO standard 20776-1:2006 (ISO, 2006)), as stated in Commission Implementing Decision 2013/652/EU (Annex, Part A, Table 1, panel 1). In case of observed resistance to 3rd-generation-cephalosporines or meropenem the testing with panel 2 (Table 4) was performed.
Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).

6. Results of investigation

In 2019, 5 Mixed meat - meat preparation from batches of HACCP and own checks activities in Albania were sampled. Salmonella were isolated from one batch (one isolate). The strain of S. Typhimurium were found susceptible to all the tested antimicrobial.

7. Additional information

Publication of the results in the Report on Antimicrobial Resistance in Albania, 2019

*** 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

General Description of Antimicrobial Resistance Monitoring*; Live bivalve molluscs Salmonella spp

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

All Salmonella from Live bivalve molluscs in accordance with point 1.17 of Chapter 1 of Annex I to Regulation (EC) No 2073/2005 were analyzed to the FSVI for typing and for antimicrobial susceptibility testing according to Commission Implementing Decision 2013/652/EU.

2. Stratification procedure per animal population and food category

Live bivalve molluscs are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).

3. Randomisation procedure per animal population and food category

Live bivalve molluscs are sampled according to Regulation (EC) No 2073/2005 (Official sampling, Surveillance).

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

ISO 6579-1: 2017 and ISO 6579-3 of 2014

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).
FSVI: The isolate was subjected to susceptibility testing as described by the EUCAST, which is accepted as an international reference method (ISO standard 20776-1:2006 (ISO, 2006)), as stated in Commission Implementing Decision 2013/652/EU (Annex, Part A, Table 1, panel 1). In case of observed resistance to 3rd-generation-cephalosporines or meropenem the testing with panel 2 (Table 4) was performed.
Application of European Committee on Antimicrobial Susceptibility Testing (EUCAST) epidemiological cutoff values (ECOFFs) for the interpretation of microbiological resistance (as stated in CID 2013/652/EU).

6. Results of investigation

In 2019, 111 Live bivalve molluscs from batches of Monitoring Plan of LBM in Albania were sampled. Salmonella were isolated from four batch (four isolate). Two strains of S. Typhimurium was found susceptible to all the tested antimicrobial.

7. Additional information

Publication of the results in the Report on Antimicrobial Resistance in Albania, 2019

*** 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