

Albania

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

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 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	
		animal	Beehives
Bee-colonies	Bee-colonies		394
Cattle (bovine animals)	Cattle (bovine animals)	337	
Pigs	Pigs	159	
Poultry, unspecified	Poultry, unspecified	7,652	
Small ruminants	Goats	775	
	Sheep	1,480	
Solipeds, domestic	Solipeds, domestic - horses	76	

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 infected herds
Dibër	Brucella	2
Kukës	Brucella abortus	2
Lezhë	Brucella	4
Berat	Brucella	3
Fier	Brucella	5
Gjirokastrë	Brucella abortus	4
Korcë	Brucella	3
Vlorë	Brucella abortus	1

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

Region	Zoonotic agent	Number of infected herds
Albania	Brucella	0

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 - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Albania - food sample - Surveillance - 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 pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - 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 - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Wholesale - Albania - food sample - Surveillance - 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 - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	2	0	<=100	Listeria monocytogenes	2	0
>100								Listeria monocytogenes	2	0	
	Cheeses made from cows' milk - hard - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - soft and semi-soft - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	8	0	<=100	Listeria monocytogenes	8	0
>100								Listeria monocytogenes	8	0	
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	8	0	detection	Listeria monocytogenes	8	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	9	0	detection	Listeria monocytogenes	9	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	8	0	detection	Listeria monocytogenes	8	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Wholesale - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	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/fee d)	25	Gram	N.A	6	0	detection	Listeria monocytogenes	6	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Wholesale - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - 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 pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - prawns - raw - frozen - Processing plant - Canada - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	2	0	<=100	Listeria monocytogenes	2	0
>100								Listeria monocytogenes	2	0	
	Crustaceans - prawns - raw - frozen - Processing plant - Canada - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	2	0	detection	Listeria monocytogenes	2	0
	Crustaceans - prawns - raw - frozen - Processing plant - Greenland - 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	
	Crustaceans - prawns - raw - frozen - Processing plant - Greenland - 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
	Crustaceans - prawns - raw - frozen - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	3	0	<=100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
	Crustaceans - prawns - raw - frozen - Processing plant - Italy - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	3	0	detection	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	1	0	<=100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Eggs - table eggs - Packing centre - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	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 - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	4	0	<=100	Listeria monocytogenes	4	0
>100								Listeria monocytogenes	4	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 - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	4	0	detection	Listeria monocytogenes	4	0
	Fish - raw - chilled - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	3	0	<=100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
	Fish - raw - chilled - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	3	0	detection	Listeria monocytogenes	3	0
	Fishery products, unspecified - raw - frozen - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	1	0	<=100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Fishery products, unspecified - raw - frozen - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	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
Not Available	Meat from bovine animals - meat products - fresh raw sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	4	0	detection	Listeria monocytogenes	4	0
	Meat from bovine animals - meat products - fresh raw sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	3	0	<=100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	3	0	detection	Listeria monocytogenes	3	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/fee d)	25	Gram	N.A	8	0	detection	Listeria monocytogenes	8	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	1	0	<=100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - soft-type - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - heat treated, ready to eat - Processing plant - Albania - 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	
	Meat from other animal species or not specified - meat products - heat treated, ready to eat - Processing plant - Albania - 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
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked ham - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	1	0	<=100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Meat from pig - meat products - cooked ham - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked ham - sliced - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked ham - sliced - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	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/fee d)	25	Gram	N.A	6	0	detection	Listeria monocytogenes	6	0
	Meat from pig - meat products - fermented sausages - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw but intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - frozen - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N.A	1	0	detection	Listeria monocytogenes	1	0
	Meat, mixed meat - meat preparation - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N.A	12	0	<=100	Listeria monocytogenes	12	0
>100								Listeria monocytogenes	12	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat, mixed meat - meat preparation - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	12	0	detection	Listeria monocytogenes	12	0
	Meat, mixed meat - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - pasta - filled pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	N_A	3	0	<=100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
	Other processed food products and prepared dishes - pasta - Processing plant - Albania - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Retail - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	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	Bakery products - bread - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Retail - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Border Control Posts - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Retail - Albania - food sample - Surveillance - Official sampling - 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 - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Farm - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	4	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/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Albania - 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 - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Albania - food sample - Surveillance - Official sampling - 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	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	3	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 d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	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 d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	9	0	Salmonella	0
	Crustaceans - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - raw - chilled - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	1	Salmonella spp., unspecified	1
	Dairy products (excluding cheeses) - butter - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Farm - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	3	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 d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Eggs - table eggs - Farm - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Eggs - table eggs - Packing centre - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Eggs - table eggs - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	58	0	Salmonella	0
	Eggs - table eggs - Retail - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - Retail - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - canned - Border Control Posts - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fish - canned - Processing plant - Morocco - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Processing plant - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	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 - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 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 - Canada - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	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 - Croatia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	23	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 - Croatia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	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 - Morocco - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 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 - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	15	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 - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fish - raw - chilled - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	15	0	Salmonella	0
	Fish - raw - chilled - Processing plant - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 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	Fishery products, unspecified - non-ready-to-eat - Processing plant - Argentina - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Australia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Iceland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	5	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - New Zealand - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	19	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Vietnam - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - raw - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Fishery products, unspecified - raw - frozen - Processing plant - Australia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Fishery products, unspecified - raw - frozen - Processing plant - Ireland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - raw - frozen - Processing plant - New Zealand - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - raw - frozen - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Live bivalve molluscs - mussels - non-depurated - Farm - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	49	0	Salmonella	0
	Live bivalve molluscs - mussels - non-depurated - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	28	0	Salmonella	0
	Mayonnaise sauce - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from bovine animals - fresh - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat products - fermented sausages - Packing centre - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - meat products - fresh raw sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat products - fresh raw sausages - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	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 d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - offal - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	9	0	Salmonella	0
	Meat from bovine animals - offal - frozen - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - offal - frozen - Processing plant - Pakistan - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - frozen - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - frozen - Conservation facilities - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - frozen - Slaughterhouse - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Slaughterhouse - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Processing plant - Brazil - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	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 d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed 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) - hard-type - frozen - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Border Control Posts - United States - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	6	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/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	9	2	Salmonella spp., unspecified	2
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Brazil - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	21	1	Salmonella Minnesota	1
									Salmonella Typhimurium	1
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Paraguay - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - Turkey - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - hard-type - frozen - Processing plant - United States - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	18	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 - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - heat treated, ready to eat - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	8	0	Salmonella	0
	Meat from other animal species or not specified - meat products - heat treated, ready to eat - Processing plant - Ecuador - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Meat from other animal species or not specified - meat products - heat treated, ready to eat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - carcase - chilled - Slaughterhouse - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Square centimetre	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - fresh - chilled - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Processing plant - Brazil - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	1	Salmonella spp., unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat products - cooked ham - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	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 d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Packing centre - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - soft-type - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - frozen - Wholesale - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from sheep - fresh - chilled - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - frozen - Conservation facilities - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - frozen - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	5	1	Salmonella Senftenberg	1
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	29	13	Salmonella spp., unspecified	13
	Meat, mixed meat - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	9	2	Salmonella Infantis	2
									Salmonella spp., unspecified	2
	Meat, mixed meat - meat preparation - Processing plant - Kosovo - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 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, mixed meat - meat products - fermented sausages - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - raw - frozen - Border Control Posts - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - raw - frozen - Wholesale - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Sauce and dressings - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Snails - Processing plant - Albania - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0

Table Salmonella:SALMONELLA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Complementary feedingstuffs - final product - non-pelleted/meal - Border Control Posts - Greece - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Complementary feedingstuffs - Processing plant - Albania - 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 cattle - Processing plant - Albania - 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 pigs - final product - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	4	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Processing plant - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Processing plant - Serbia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	5	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Processing plant - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Wholesale - Albania - feed sample - Surveillance - Official sampling - 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 - offal - Processing plant - Albania - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Feed material of land animal origin - offal - Processing plant - Austria - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Feed material of land animal origin - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	7	0	Salmonella	0
	Feed material of land animal origin - offal - Processing plant - North Korea - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Feed material of land animal origin - offal - Processing plant - Serbia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	N_A	ISO 6579:2002 Salmonella	1	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

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
Animal Population	26-Jul-2022
Disease Status	26-Jul-2022
Prevalence	26-Jul-2022

ALBANIA

TEXT FORMS FOR THE TRENDS AND SOURCES OF
ZOONOSES AND ZOOBOTIC 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

The Ministry of Agriculture and Rural Development are the central competent authority with responsibility for policy and legislative development and oversight of enforcement of agri-food legislation across the agri-food chain by the key institutes established under this Ministry, responsible for performing official controls, namely:

- The National Food Authority;
- The Food Safety and Veterinary Institute;
- The National Veterinary and Plant Protection Authority.

The Ministry of Health and Social Protection are key stakeholders with responsibility for public health.

National surveillance systems – foodborne disease in humans:

- Institute of Public Health is responsible and has a monitoring system for data collection on foodborne disease in humans;
- Food Safety and Veterinary Institute is responsible and has a monitoring system for data collection for zoonotic and foodborne diseases in live animals and food.

National monitoring systems – foodborne hazards in the food chain:

- The monitoring system in the food chain is done by National Food Authority according to the annual official control plan based on risk.

Official Laboratory:

- Laboratories of Food Safety and Veterinary Institute (National Reference Centre);
- Regional Laboratory Network of National Food Authority.

1. Ministry of Agriculture and Rural Development (MARD)

The Ministry of Agriculture and Rural Development was approved by the Order of the Prime Minister No. 162 of 14.12.2020 "On some amendments to the Order of the Prime Minister No. 150 of 19.11.2020 "On the approval of the structure and staff of the Ministry of Agriculture and Rural Development".

Ensure the consumer protection on the consumption of the food products of plant and animal origin, the improvement of the food safety system and guarantee the fair trade of the food business operators. The overall goal is to guarantee food safety from the farm to the table in compliance with the European standards. It is responsible in the formulation of policies and strategies on food safety and in the preparation of respective legislation.

In the area of food safety, veterinary and plant protection, the central competent authority is the Directorate of Policy and Programmes of Food Safety and Veterinary under the General Directorate of Policies and Programmes of Agriculture, Food Safety and Rural Development in the MARD.

The DPPFSV is composed of the following sectors:

- Animal health and welfare sector;
- Epidemiology and identification and registration sector;
- Sector of non-animal origin food;
- Sector of animal origin food and animal feed;
- Plant protection sector and GMO.

The sector of non-animal origin food and the sector of animal origin food and animal feed are responsible for drafting food safety policies and strategies, in order to ensure a comprehensive food safety system from farm to table.

The Animal Health and Welfare Sector is responsible for animal health and welfare, drafting and approximation of the Albanian Veterinary Law with EU acquis, drafting control programs for the control and eradication of animal diseases, monitoring the implementation of the legislation.

The Epidemiology, Identification and Registration Sector is responsible for the approximation of the Albanian Veterinary Law with EU acquis in the field of IR, monitors the implementation of the legislation related to the prevention, control and eradication of animal diseases and IR, designs the disease control programs, monitoring and surveillance plans, monitors the epidemiological situation in national and international level.

2. National Food Authority (NFA)

The National Food Authority was approved by the Decision of Council of Ministers No 708 of 9.9.2020 "On the establishment, organization and functioning of the National Food Authority". This institution is directly subordinate to the Minister of Agriculture and Rural Development and operates based on the Law No. 9863 of 28.01.2008 "On food", amended.

The constituent bodies of NFA are:

- Board;
- General Director;
- Scientific Committee and Scientific Panels;
- Relevant Inspectorates and Laboratories;
- Regional Directorates.

The Authority is organised based in a vertical chain of commands with a General Directorate in Tirana and 12 Regional Directorates in Tirana, Durrës, Elbasan, Fier, Vlora, Gjirokastra, Shkodra, Lezha, Korca, Berat, Kukës, Dibra, 13 Border Inspection Points (BIPs) and 7 Laboratory Services Sectors.

The NFA, has its area of responsibility for ensuring the chain of food safety and animal feed, conformity control for imports of live animals and animal products, as well as phytosanitary control and plant protection products, with dedicated purpose to consumer protection.

The main mission of NFA is to guarantee the food chain for the benefit of citizens' health and consumer protection, focusing on inspection activity at all stages of primary production, in relation to the treatment, processing, warehousing, storage conditions and distribution of food and feed.

The placing on the market of food and feed is done by FBOs and includes responsibility of the NFA to periodically check all food chain (from production, storage, distribution, retail market placing) practice (implementation of legal requirements) of food and feed market placing by the FBO including risk-based checks, alert-based check, hygiene rules, and food safety legal requirements.

The import of food products of animal origin and live animals is carried out only in the approved border inspection posts (BIPs) and subject to veterinary control by veterinary border inspectors.

The NFA, reports to the relevant directorate, to the Minister of Agriculture and Rural Development and to the National Veterinary and Plant Protection Authority regarding past shipments of live animals from Border Inspection Posts.

The border inspection posts are under the respective regional directorates of NFA

Laboratory Services Sectors (Regional Laboratory Network of NFA) are currently positioned in the Regional Directorates which with adequate changes in legislation in implementation of Decision of the Council of Ministers No. 708 of 9.9.2020 "On the organization and functioning of the NFA" and Order No. 128 of 26.10.2020 "On the approval of the structure and staff of the NFA", have passed under the auspices of the Risk Assessment Directorate in the General Directorate in support of the regional activity.

These laboratories perform basic activities, operational of testing of the categories: food safety, animal health and welfare, and plant protection. Their functions are based on the Law No. 986 of 28.1.2008 "On food" amended, Law No. 10465 of 29.9.2011 "On veterinary service in the Republic of Albania" amended, Law No. 105/2016 of 27.10.2016 "On plant protection", Law No. 10433 of 16.6.2011 "On inspection in the Republic of Albania", amended, as well as orders and instructions of the Minister of Agriculture and Rural Development upon Authority's objectives.

The monitoring system in the food chain is done by inspectors NFA according to the Instruction of the Minister of Agriculture and Rural Development No 3 of 18.1.2021 "On the approval of the National Plan of Risk-Based Official Controls and Sampling for Food, Animal Feed, Plant Protection and Agricultural Inputs, as well as the Sampling Plan at the BIPs".

The samples, according to the plan, are analysed in the regional network of laboratories of NFA and FSVI as part of the reporting.

The documentation used is based mainly on Order No. 24 of 31.1.2013 of the Agricultural Minister "On unification of procedures, methods and docs of laboratories' functioning" amended, 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 (MARD, FSVI, NVPPA) in cases of non-conformities, to make possible the identification and measure taking of the products that threat food safety.

NFA performs inspection, technical and scientific activities, pursuant to Law No. 9863 of 28.1.2008 "On Food", amended, as well as other specific laws related to food safety, food and feed, protection of plants and agricultural inputs.

Leads the risk assessment process in the field of food and feed, plant protection and agricultural inputs.

In the context of risk communication, NFA informs the risk, to all responsible actors in the food safety chain, public and private institutions, food and feed business operators, as well as consumers, regarding the risks and safety of feed and animal feed.

The NFA is the national contact point of the European Food Safety Authority (EFSA) and the exchange of information between the EFSA and national stakeholders, especially in the area of Directive 2003/99/EC on the monitoring of zoonosis and zoonotic agents. To do this, the NFA has the need to cooperate with contact persons, with clearly defined tasks by these institutions, for which it is working.

3. Food Safety and Veterinary Institute (FSVI)

The Food Safety and Veterinary Institute was approved by the Decision of Council of Ministers No In accordance with the Order of the Prime Minister No 162 of 14.12.2020 "On some amendments to the Order of the Prime Minister No 150 of 19.11.2020 "On the approval of the structure and staff of the Ministry of Agriculture and Rural Development", the FSVI has:

- The Department of Animal Health;
- The Department of Microbiology;
- Water Monitoring and Quality;
- The Department of Toxicology and Residue Monitoring;
- The Department of Plant Health and Plant Protection.

FSVI (National Reference Centre) is responsible for carrying out the laboratory analysis for food and feed safety, animal health, plant health, plant residues and animals products. Also, beyond the National Plan of Risk-Based Official Controls and Sampling Plan, Institute is responsible for carrying out the analysis for National Residue Monitoring Plan

Also, samples taken from National Veterinary and Plant Protection Authority inspectors based on National Residue Monitoring Plan, analyzed in the Institute, are part of the reporting performed from FSVI.

The FVSI is involved in antimicrobial resistance monitoring and reporting

4. The National Veterinary and Plant Protection Authority (NVPPA).

The National Veterinary and Plant Protection Authority was approved by the Decision of Council of Ministers No 683 of 2.9.2020 "On the establishment, organization and functioning of the National Authority of Veterinary and Plant Protection". This institution is directly subordinate to the Minister of Agriculture and Rural Development and operates based on the new Law No 71/2020 "On some amendments and additions to the Law No 10465 of 29.9.2011 "On veterinary service in the Republic of Albania".

The Authority is organised based in a vertical chain of commands with a General Directorate in Tirana and 4 Regional Directorates in Tirana, Shkodra, Vlora and Elbasani. These four directories are composed of 12 veterinary sectors in the 12 countries under of which 36 are veterinary offices responsible to carry out the official controls and 64 units for direct offering the veterinary services to the farmers.

The responsibilities are as follows:

- to direct the veterinary service, within the field of responsibility;
- carry out official controls and other veterinary activities;

- organize and coordinate the work for the provision of control and plant protection service from pests;
- carry out official control of Animal Farms, Animal Health and welfare, Live Animal markets and slaughterhouses;
- take samples for fulfilling the National Residue Monitoring Plan for the whole country and operators;
- identify, register, administrate the annual prophylaxis programmes for large and small ruminants and control the animal movement ensuring the capillarisation of monitoring;
- control and traceability of the Veterinary Service in the whole country and farmers;
- coordinate and monitor the provision of veterinary service and plant protection within the territory that they cover.

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

- Anthrax Control Program;
- Bovine Brucellosis Control Program;
- Small ruminants Brucellosis Control Program;
- Bovine Tuberculosis Control Program;
- Lumpy Skin Disease Control Plan.

The main diseases are reported in the Veterinary Diseases Database of the RUDA system.

The monitoring of animal health (veterinary surveillance), based on strategy programs, includes the following activities:

- Passive surveillance for major animal diseases, by notifying all suspected cases;
- Avian Influenza surveillance plan;
- Active visual surveillance for LSD;
- Active surveillance and control against bovine brucellosis;
- Active surveillance and control against tuberculosis;
- Vaccination against brucellosis in small ruminants;
- Vaccination against anthrax;
- Vaccination against LSD disease;
- Oral rabies vaccination (ORV) in red foxes;
- FMD monitoring plan.

Animal identification and registration in Albania is carried out by the official veterinarians of the service. The data are entered in the RUDA system by the official veterinarians at regional level

This information was prepared by the National Food Authority.

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

2. Animal population

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

Ministry of Agriculture and Rural Development – Number of livestock

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

Livestock number

In 2021 (in 000 heads): Cattle – 337; Farmed mammals – 2255; Pigs – 159; Equine – 76; Poultry- 7652 (Laying hens 5,249); Turkeys 411; Bee (Beehives) – 394.

Livestock structure in cattle units by main categories 2021, (%): Sheep & goats 31%, Cattle 43%, Poultry 11%, Equidae 8% Pigs, 7%.

The number of cattle in 2021 was 336,784 heads.

In 2021, the number of sheep is 1.48 million heads. The main category is milked sheep which represents 75.38 % of the total herd.

Goats number in the year 2021, is 775,332 heads. Main category is milked goats, with 77.26 % of the total herd.

In 2021, pigs number is 159,237 heads.

Livestock productions:

Milk production in 2021, is 1.01 million tonnes. Milk production structure referred the year 2021 is: Cows milk 84.83 %, goats milk 7.91 % and sheep milk with 7.25 %.

In 2021, milk production from cows is 859,381 tonnes. Annual yield of cows milk production in country level for 2021 is 3,055 kg/head.

Sheep milk production, for the year 2021, is 73,466 tonnes. Annual yield, of sheep milk in country level is 63 kg/head.

Milk production from goats in 2021, is 80,173 tonnes. Annual yield of goats milk production in country level is around 128 kg/head.

Meat production live weight is 148 thousand tonnes and egg production for 2021 is 899 million pieces. On the other hand honey production for the year 2021, is 4,835 tonnes.

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

Livestock number (000 heads), 2012 – 2021

Description	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Cattle	498	498	500	504	492	475	467	416	363	337
cows	358	356	358	357	355	349	343	316	289	278
Sheep/Goats	2,619	2,723	2,804	2,850	2,911	2,859	2,781	2,621	2,332	2,255
sheep	1,809	1,856	1,896	1,918	1,972	1,926	1,864	1,758	1,558	1,480
Milked sheep	1,390	1,413	1,419	1,417	1,428	1,407	1,366	1,297	1,174	1,116
goats	810	867	904	932	941	933	917	863	774	775
Milked goats	614	656	695	700	716	717	699	671	619	599
Pigs	159	152	172	171	181	180	184	184	158	159
Sow	12	12	12	11	13	12	12	14	12	12
Equidae	97	93	91	91	94	89	88	87	79	76
Horses	34	35	32	31	32	32	32	32	30	29
Poultry	9,494	8,928	9,493	8,558	8,326	7,835	8,362	8,179	7,907	7,652
Beehives	239	246	261	271	303	290	285	288	358	394

Livestock productions, 2012 - 2021

Description	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Meat live weight (total in 000/tonnes)	150	153	155	158	160	161	161	156	150	148
Cattle	69	69	70	71	72	72	69	66	62	60
Sheep	34	34	35	37	36	37	36	35	33	34
Goats	14	14	15	16	15	15	20	19	18	16
Pig	17	17	18	17	17	17	17	16	15	16
Poultry	16	17	17	17	20	20	20	20	21	22
Honey	3	3	3	3.2	4	4	4	4	5	5
Wool	3	3	3	3	3	3	3	3	3	3
Milk total (000 liters)	1105	1131	1133	1131	1145	1156	1144	1112	1052	1013
cows*	957	969	965	964	975	983	974	947	897	859
sheep	81	84	89	87	86	87	85	82	75	73
goats	67	78	79	80	84	87	86	84	80	80
Eggs (mill/pieces)	887	830	835	830	830	811	828	865	861	899

*It is included also the milked milk used for feeding calves.

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

The largest concentration of the number of cattle heads is in: Fier with 16.15 % and Korçë with 11.13 % of the total number of heads.

The largest concentration of the number of sheep heads is in: Vlorë with 23.74 % and Korçë with 16.51 % of the total number of heads.

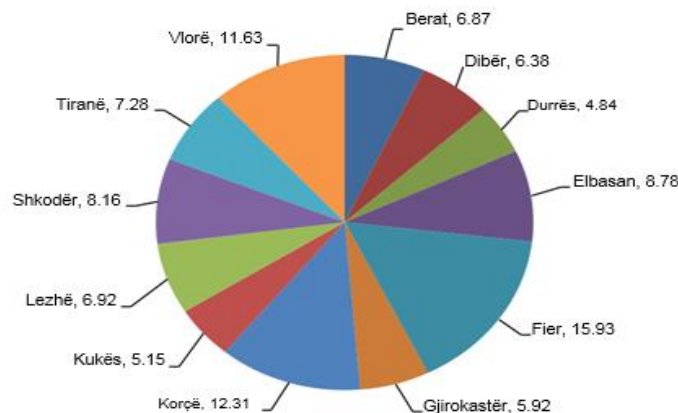
The largest concentration of the number of goats is in: Vlorë with 20.93 % and Gjirokastrë with 11.99 % of the total number of heads.

The largest concentration of the number of pig heads is in: Lezhë with 35.67 % and Fier with 19.31 % of the total number of heads.

Number of heads (000 heads) by prefectures, 2021

Prefecture	Cattle	Sheep	Goats	Pigs	Equidae	Poultry	Beehives
Berat	15.6	121.0	73.2	2.9	7.6	627.2	20.5
Dibër	27.4	70.0	40.3	2.9	6.7	296.0	28.3
Durrës	19.0	27.6	21.1	7.1	2.1	1486.8	13.0
Elbasan	29.5	100.3	71.5	6.6	9.7	877.5	29.6
Fier	58.1	224.3	42.8	30.8	8.3	1597.4	28.6
Gjirokastrë	11.6	169.0	93.0	0.9	5.6	165.5	28.0
Korçë	37.5	244.4	89.6	9.6	13.9	490.8	60.0
Kukës	28.0	37.8	23.5	0.7	3.9	103.1	41.4
Lezhë	20.8	27.3	51.1	56.8	1.2	287.9	22.8
Shkodër	29.5	52.2	58.5	29.4	3.7	637.2	59.0
Tiranë	36.3	55.1	48.5	1.7	5.4	628.4	34.5
Vlorë	23.4	351.5	162.3	9.9	7.5	453.8	27.9
Total	336.8	1480.5	775.3	159.2	75.6	7651.6	393.6

Livestock structure in livestock units by main categories 2021, (%)



2.5. Additional information

Livestock Statistics Methodology

Agricultural statistics for 2021, rely on administrative information, collected by the Ministry of Agriculture and Rural Development. The legal basis for collecting agricultural and livestock statistics is the Official Statistics Program, applying the classifications and definitions according to the relevant EU regulations.

Information is collected in field by experts of extension services in all country. These experts collect data directly from farmers. Harvested production means production including on-holding losses and wastage, quantities consumed directly on the farm and marketed quantities.

Livestock data are collected for the number of animals for breeding from the farmers and livestock productions. Experts of extensions collect the data and compare them with the data from the veterinary service which conducts the matriculation and vaccination of animals (process is ongoing). Veterinary service in the moment of vaccination conducts the animal inventory in commune level. Specialists of extension also collaborate with private veterinarians. These veterinarians provide different services at the farmers such as (disease control, death and births of animals, slaughtering, vaccinations etc.). In the end the specialists of extension compare the data from the three sources. Data for the agricultural and livestock products produced by the farmers are also collected from the specialists of extension. For the yields of productions the information is collected from the most representative farms in commune level. The data collected are sent to the Ministry of Agriculture and Rural Development where the specialists of crop and livestock production do the estimations comparing the data collected from the field with the data of the farms during the previous years.

The Ministry of Agriculture uses three sources of information for the data collection:

1. Experts of extension which are part of the Agricultural Directories
2. Veterinarian Service in regions
3. Private Veterinarians

Definitions

“Agricultural Household” is a single unit both technically and economically not necessary continuous parcels of agriculture and livestock production which has a single management by one person or group of persons and which undertakes agricultural activities, for crop and animal production.

Livestock units are also considered the households with livestock orientation where livestock breeding is done without possessing agricultural land so that the land does not appear as an integral element of the unit.

The Cattle Unit, abbreviated as LSU (Livestock Unit), is a reference unit that facilitates the aggregation and comparison of livestock of different species and ages, through the use of specific

coefficients initially set based on the nutritional requirements for each kind of animal. The reference unit used to calculate livestock units (= 1 LSU) is the equivalent of one dairy cow producing 3,000 kg of milk per year, without concentrated feed additives.

Livestock and poultry - covers all domestic animals irrespective of their age and location or the purpose of their breeding. Non-domestic animals are excluded from the terms unless they are kept or raised in captivity in or outside agricultural holdings, including holdings without land.

Classification

Classification of animals is done by: species (cattle, sheep, goats, pigs, horses), by age, sex and economic destination. Poultry covers domestic fowls, guinea fowl, ducks, geese and turkeys.

Meat live weight production

The estimate for the production of meat live weight is carried out for each type of animals. Calculation of meat live weight production is based on the calculations made by the livestock movement, i.e, in the number of culled cattle, sheep, goats, pigs and poultry by slaughtering categories, and the average live weight for slaughtered heads by type and categories of slaughter.

Main rules for data collection

Livestock number refers to 1 December 2021.

Farmer is asked for all animals that he possess, Information is obtained only for the number of animals that the agricultural holding possesses.

All livestock bought from other units during the year are included.

All livestock sold to other units during the year are excluded.

Livestock births are the animals which are born during the last 12 months.

Livestock born dead are not included.

Losses of livestock during the year. Losses of animals during the year, eating from wild animals or natural causes are not counted.

Source: Ministry of Agriculture and Rural Development
INSTAT website: <http://www.instat.gov.al/en/themes/agriculture-and-fishery/livestock/#tab2>

This information was prepared by the National Food Authority.

(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*: Brucella in animal – Cattle (bovine animals)

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

Based on Law no. 10465, dated 29.9.2011 "On the veterinary service in the Republic of Albania", as amended, a part of the cattle population is tested every year for the presence of brucellosis in cattle.

Animals were tested with the Rose Bengal Test (RBPT) and the Slow Agglutination Test (SAT).

Until the end of 2012, the samples were tested in the veterinary laboratories of the Regional Directorates of Agriculture (DRB). In the case of positive results, in the veterinary laboratories of the DRB, the samples were sent to the laboratories of the Food Safety and Veterinary Institute (ISUV) for confirmation, with the Complement Fixation Test (CFT) and/or ELISA.

In 2013, full sample testing (examination and confirmation) was carried out at ISUV. Apart from screening activities, if an abortion was reported, cattle were tested with RBPT or SAT and then confirmed with CFT or ELISA.

During 2016, the control program was implemented in all farms for milk production with more than 20 heads, which forced the taking of milk samples and their analysis. In cases with positive results of collected milk samples, each farm animal was tested individually. During 2016, some progress was recorded in the control of brucellosis in cattle and it was estimated that the spread of brucellosis in herds with more than 20 heads was 4.4%. Control measures in positive herds should be continued in order to ensure effective control of the disease. Also, it is necessary to strengthen the measures in the negative herds to ensure that these herds are not affected by the disease.

During 2017, the ISUV did not provide the kits for the analysis in time, so the samples taken from the veterinary services in the districts were not analyzed at the ISUV.

According to the data available in the Directorate of the State Veterinary Service, the number of positive cattle with brucellosis clearly showed a low prevalence of the disease in Albania:

During 2018, 933 farms were tested. Samples obtained from veterinary services in the counties were analyzed at ISUV. According to the available data, the number of brucellosis-positive cattle clearly showed a low prevalence of the disease.

During 2019, 1056 farms were tested, while in 2020, 1015 farms were tested.

In total, 66 heads were eliminated during 2021.

At the end of the three phases of Brucellosis in Cattle, 61 heads from 21 farms have tested positive. While positive cases with passive surveillance result in 5 heads in 3 farms.

Information from tested positive for brucellosis from 2021:

Regional Directorate of Veterinary and Plant Protection	The number of farms that tested positive	Number of heads tested positive
Vlore	2	3
Shkoder	1	2
Positive cases from Passive Surveillance in total	3	5

Regional Directorate of Veterinary and Plant Protection	Number of milk samples	Number of milk positive samples	Number of blood samples	Number of blood positive samples	Total number of heads
Tirane	834	10	54	2	9539
Elbasan	393	6	71	19	4912
Vlore	1061	13	118	23	11949
Shkoder	1216	7	71	2	13711
1° phase in total	3504	36	314	46	40111
Tirane	397	23	273	0	4941
Elbasan	743	15	116	2	8958
Vlore	962	3	16	1	11002
Shkoder	1214	13	115	5	13718
2° phase in total	3316	54	520	8	38619
Tirane	583	5	29	0	7000
Elbasan	385	6	84	4	4975
Vlore	880	5	27	1	11212
Shkoder	983	6	58	2	12492
3° phase in total	2831	22	198	7	35679

3.2. Additional information

The information from the National Veterinary and Plant Protection Authority was requested and then transmitted by the National Food Authority.

*** 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

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

Measures in farms of category I, II, III and IV

The low number of farms of category I, II, III and IV, (actually 4294 dairy farms) makes it possible to adopt a structured and comprehensive approach which is in full compliance with EU rules.

During 2016 and 2017, category I and II dairy farms (over 20 heads) were tested.

During 2018, 2019 and 2020, the object of monitoring were category III farms with 10 or more heads.

In 2021, the object of monitoring have be category IV dairy farms with five heads high.

The program was: The testing of the collected milk shall be repeated at an interval of no less than three months and no more than four months, so that the total number of tests of the collected milk, on an annual basis, shall not exceed three tests.

In case of a positive milk test result, all animals older than 12 months within the farm they will be examined individually with blood using the RBPT or SAT test and measures will be placed on the farm. Samples that test positive will be confirmed by ELISA or CFT.

During the implementation of this program, samples for bacteriological isolates will be taken from all slaughtered animals. The taking of samples will be carried out by official control veterinarians, who will be present in the slaughterhouse at the moment of slaughtering the positive animals.

Dairy farms and other farms from category V will be added to the above surveillance scheme only when all dairy farms from category I, II, III and IV have successfully obtained B2 status for at least one year.

The above measures will be implemented on an annual basis.

Successful implementation of the proposed surveillance scheme (supported by RUDA system information), have provide bovine brucellosis information for these categories.

Based on the evaluation of the results obtained from the implementation of the control program and other available resources, the program will be continuously improved.

Based on the previous situation, a more advanced categorization of farms, regarding their health status, will be included in this program in the following years.

4.2. Measures in place^(b)

In accordance with the legislation in force, upon receiving a positive result in the milk test, the official veterinarian must immediately place the farm under official supervision and orders individual testing of all animals older than 12 months within the farm. Animals must leave the farm when they are sent to the slaughterhouse and with written approval from the official veterinarian. These measures will be applied until the results of the individual animal test are received.

In the case when brucellosis is confirmed by individual animal testing, farms are isolated and appropriate measures are applied in accordance with national legislation.

Control measures on positive farms can be removed only when all animals older than 12 months, after two tests with RBPT or SAT, have been negative, where the first test was performed 30 days after the elimination of all positive animals and the second test 60 days later.

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

All animals within farms where control measures will be applied must be individually identified. At the time of tracking, the physical inventory of the farm (census) has been made and the identification of all animals within the aforementioned farm categories.

Data obtained from physically inventoried tracked farms on the actual number of animals on the farm must be recorded and updated in the RUDA information system.

All farms that have been monitored for brucellosis for 2021 are keeping a register of movements (entry - exit), which is updated by the private veterinarian of the farm under the guidance of the official veterinarian of the service.

The inventory and keeping of the animal movement register on the farm and the updating of this register in the RUDA information system together with other documentation will serve as the basis for the compensation of the positive animals.

The farmer is responsible for keeping a log of movements on the farm.

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

Quantitative measurable targets are based on data obtained from the farm register and the RUDA system.

All dairy farms belonging to category I, II, III and IV are target farms for the milk testing scheme starting in 2021 and for the rest of the categories as defined in this program.

Based on the serological tests performed during 2020, the overall prevalence in category I, II, III dairy farms is estimated at 0.59%. The measures as described in this program must ensure that bovine brucellosis in positive herds of categories I, II, III and IV is adequately controlled and that the disease will be eradicated within 2 years from the implementation of the program.

Strengthening measures for the movement of animals in negative dairy farms of categories I, II, III and IV should ensure that these farms remain negative.

4.5. Additional information

The laboratory tests to be carried out for examination purposes on farms of category I, II, III and IV are the ring test in milk and the ELISA test in milk in accordance with the requirements of the Manual of Diagnostic Tests and Vaccines for Terrestrial Animals of the Organization for Animal Health (OIE).

Milk tests will be carried out at an interval of not less than three months.

In case of a positive result shown in the milk test, all animals older than 12 months within the farm will be tested individually using RBPT or SAT.

In cases where we have confirmed positive results from RBPT or SAT, serum samples from all animals older than 12 months should be retested using ELISA or CFT, performed in accordance with the requirements of the Manual of Diagnostic Tests and Vaccines for OIE Terrestrial Animals.

Animals showing a positive result in ELISA and/or CFT will be considered positive.

In accordance with Minister's Order no. 559, dated 10.10.2019, the state veterinary service has the right to consider and decide on the depopulation of the positive herd.

Samples for bacteriological isolation will be taken from all animals that will be slaughtered as an indicator for determining the type of brucella, in positive cases, within this program. The bacteriological isolation protocol will be in line with the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals.

The information from the National Veterinary and Plant Protection Authority was requested and then transmitted by the National Food Authority

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

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

5. Food-borne Outbreaks

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

The Ministry of Health and Social Protection are key stakeholders with responsibility for public health.

Institute of Public Health is responsible and has a monitoring system for data collection on foodborne disease in humans;

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 (the Ministry of Health and Social Protection), the Ministry of Agriculture and Rural Development and NFA.

The Institute for Public Health work with the NFA and FSVI in areas such as surveillance of food borne outbreaks and the prevalence of zoonotic disease.

Food borne outbreaks are monitored form the Institute for Public Health and they report also to the World Health Organization.

5.2 Description of the types of outbreaks covered by the reporting

Regarding the epidemiological investigations and reporting of food-borne outbreaks for 2021 with the dates elements mandatory for reporting, the Department of Risk Assessment and Treatment of Public Health Risks, Food Safety Sector, has not been part of any suspicious event of epidemiological investigations of food-borne outbreaks, especially in the microbiological analytical evaluation of food pathogens, as causes of diseases of food-borne outbreaks.

5.3. Additional information

The information from the Public Health Institute was requested and then transmitted by the National Food Authority.

(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.