European Food Safety Authority

ZOONOSES MONITORING

Romania

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

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

IN 2014

PREFACE

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

The report contains information on trends and sources of zoonoses and zoonotic agents in Romania during the year 2014.

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.

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

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1 ANIMAL POPULATIONS

The relevance of the findings on zoonoses and zoonotic agents has to be related to the size and nature of the animal population in the country

1.1.1 Information on susceptible animal population

Sources of information

Based on statistical research on livestock and livestock production in 2013, made by the National Institute of Statistics, at the date of December 1, 2013, compared to the same date of 2012, the livestock of bovine, sheep and goats have increased and livestock of swine and poultry have declined.Data source is the annual survey (EPA)made by National Institute of Statistic, on livestock and livestock production in 2013, according to the European Parliament and Council Regulation no. 1165/2008/CE statistics on livestock and meat and our National Data Base

Dates the figures relate to and the content of the figures

According to the National Institute of Statistics in December 2013, compared to the same month of the previous year, the number of slaughtered animals and poultry decreased for pigs, sheep and goats, remained constant for cattle and increased for poultry; the carcass weight decreased for cattle and pigs and increased for sheep and goats and poultry. Compared to 2012, in 2013 the number of slaughtered animals and poultry decreased for cattle and increased for pigs, sheep and goats and poultry; the carcass weight increased for all species.

Definitions used for different types of animals, herds, flocks and holdings as well as the types covered by the information

Definitions used for the purposes of monitoring and eradication of zoonoses are in compliance with the definitions determined by the Regulation 178/ 2002, Regulation 2160/ 2003 and Directives: 2003/99, 64/432, 90/ 539.Holding: any establishment, construction or, in the case of an open air farm, any place in which animals are held, kept or handled.The localization of the holding is based on the address and the coordinates of the geographical entity.A geographical entity is a unit of one building or a complex of buildings included grounds and territories where an animal species is or could be hold.Flock: a single group or multiple groups of animals which share the same production unit (i.e. using the same air-space or range area). Where housing systems are not typical, the situation is likely to be assessed on a case by case basis. Multiple groups of animals which havebeak-to-beak contact (inside or outside the house) are likely to be treated as a single flock for the same epidemiological reasons.

National evaluation of the numbers of susceptible population and trends in these figures

The administrative boundaries are the boundaries of the country. Romania is administrative divided in 42 counties.

Additional information

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

2 DISEASE STATUS

2.1 TUBERCULOSIS, MYCOBACTERIAL DISEASES

2.1.1 General evaluation of the national situation

2.1.1.1 Mycobacterium - general evaluation

History of the disease and/or infection in the country

The monitoring of tuberculosis in bovine populations from Romania have been continuous and sustained, while control and eradication of disease was included in the Strategic programme for the surveillance, prevention and control of transmissible animal diseases from animals to humans, animal protection and environment, updated every year and approved through President Order of the National Sanitary Veterinary and Food Safety Authority, consisting in the intradermic tuberculin test, for detecting positive animals and the qualification of their health status. Untill 2001, were subjected to the tuberculin test all bovine animals over six months old and, beginning with 2002, all bovine over six weeks old, from the whole territory of Romania, twice per year with a single intradermal test. All animals given inconclusive or positive results have been subjected to an intradermal comparative test and, in case of positive result, have been slaughtered and organ samples collected for laboratory investigations. Following to actions carried out for the control and eradication of the tuberculosis some counties were register a continuous decrease of incidence of bovine tuberculosis.In Romania, between 1990-2005 the incidence of bovine tuberculosis registered a meaningful decrease, as follows: - 1990 - 5,73%; - 1992 - 1,55%;- 1995 - 0,33%. - Since 1996 until 2005, the number of cases of bovine tuberculosis was lower than 0,05 infection rate per year in the total livestock of bovine. The average of percentage in tuberculosis infection per total livestock of bovine in this period was of 1,18%.

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

In general, bovine Tuberculosis infection remains a significant animal health problem in Romania.

2.1.2 Mycobacterium in animals

2.1.2.1 M. bovis in animal - Cattle (bovine animals)

Status as officially free of bovine tuberculosis during the reporting year

The entire country free

Romania still is not recognized as an officially free from tuberculosis country.

Free regions

No

Monitoring system

Sampling strategy

Compulsory tuberculin testing is performed annually to all bovine animals aged over six weeks from the whole territory of Romania, by intradermal comparative test. Pre-movement test is carried out by a single intradermal test for all cattle older than 6 weeks for intra-Union trade or export to third countries, test performed at the assembly centre or in the holding of origin within the 30 days prior the movement, according to the art. 6 (2) of the Council Directive 64/432/EEC.The programme of regular tuberculin testing is supplemented by veterinarian inspection of bovine during routine meat production at slaughterhouses.The general objectives of the programme are:-monitoring of bovine tuberculosis to know the prevalence and the incidence of disease of disease in bovine holdings from Romania;-qualifying health status of cattle farms in Romania, as officially free of bovine tuberculosis.

Frequency of the sampling

See above.

Type of specimen taken

Other: Tuberculosis skin reaction

Methods of sampling (description of sampling techniques)

As described in Annex A of the EU Directive 64/ 432/ EEC.

Case definition

A positive case is an animal with a positive result of the comparative skin test, in which Mycobacterium bovis or M. tuberculosis were isolated, or an animal with a positive post mortem examination result confirmed by laboratory. A holding is defined as infected if Mycobacterium bovis was isolated from an animal of the holding.

Diagnostic/analytical methods used

1) Comparative intradermal skin test (Bovine and Avium tuberculin).2) Pre-movement tuberculin test - export or intra community trade.3) Inspection of carcasses at slaughterhouse.4) Microbiological examination.

Vaccination policy

No vaccination

Control program/mechanisms

The control program/strategies in place

The whole cattle population is continuously monitored for bovine tuberculosis on a yearly basis by the intradermal tuberculine tests. All slaughtered bovine animals were under veterinary control. The official post mortem veterinary examination is carry out in slaughterhouses by the official veterinarian in accordance with EU legislation.For measures taken in case of single cases, see "Measures in case of the positive findings or single cases".

Recent actions taken to control the zoonoses

Testing, monitoring and surveillance.

Measures in case of the positive findings or single cases

Notification system in place

Tuberculosis is a notifiable disease according to "Order no. 79/2008 for the approval of the Sanitary Veterinary Norm regarding the internal notification and official declaration of certain transmissible animal diseases " with subsequent amendments.

Results of the investigation

See the table for the Romanian programme of tuberculosis eradication.

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

The annual incidence rate, which was 5.73% in 1990, was lower than 0.2% in 2012. The downward trend of the annual herd rates of prevalence and incidence confirms the favorable evolution of the situation.In 2013 the annual incidence rate, which was 5.73% in 1990, was lower than 0,2% in 2013. The downward trend of the annual herd rates of prevalence and incidence confirms the favorsble evolution of the situation

2.2 BRUCELLOSIS

2.2.1 General evaluation of the national situation

2.2.1.1 Brucella - general evaluation

History of the disease and/or infection in the country

In Romania, the first reports on infectious abortion in cows, name under which bovine brucellosis was initially described and known were made up by Staicu, in 1906, then a detailed description is made up by Mihaiescu and collaborators in 1953 and by Al.Pop in 1954.From the historical data obtained by consulting the speciality literature, it turns out that bovine brucellosis has been eradicated in Romania, in 1957, but the national official records and those submitted to World Organization for Animal Health show that the latest occurrence of bovine brucellosis in Romania was in 1963. The disease control was achieved by slaughtering and disposal of all affected animals and of those suspected of disease or contamination associated with protective measures of antiepizootic protection and prohibition of the consumption of products from the mentioned animals.The first normative regulation on supervision, prevention and control of bovine brucellosis in Romania was drawn up in 1955, when the State Council Decree no. 167 is developed and implemented on the organization of animal health defense. Brucellosis was classified as a notifiable disease. By this decree, bovine brucellosis was considered a main disease of bovines and the disease was classified as officially notifiable and subject to specific sanitary veterinary measures, including quarantine measures.After 1990, the surveillance of bovine brucellosis, specific measures of prevention and disease control were introduced in the structure of "The strategic program of sanitary veterinary actions for the surveillance, prevention and control of animal disease, pest control on lawns".Since 1998, Romania has transposed into the national legislation the specific legislation on the control and eradication of transmissible animal diseases, including regulations for bovine brucellosis.

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

2007/399/EC: Commission Decision of 11 June 2007 amending Decision 93/52/EEC as regards the declaration that Romania is officially free of brucellosis (B. melitensis)The National Sanitary Veterinary and Food Safety Authority requests the European Commission the assessing of the technical file submitted by Romania in 2009, in order to acquire the status of officially free country regarding bovine brucellosis (Brucella abortus).

Recent actions taken to control the zoonoses

Additional information

2.2.2 Brucella in animals

2.2.2.1 B. abortus in animal - Cattle (bovine animals)

Status as officially free of bovine brucellosis during the reporting year

The entire country free

The National Sanitary Veterinary and Food Safety Authority requests the European Commission the assessing of the technical file submitted by Romania, in order to acquire the status of officially free country regarding bovine brucellosis (Brucella abortus).

Additional information

Request of the National Sanitary Veterinary and Food Safety Authority is based on:a) historical data on the epidemiological situation of bovine brucellosis for a period of over 40 years; b) the fulfillment by Romania of the conditions provided by The Terrestrial Animal Health Code of Animal Health World Organization, with reference to bovine brucellosis - Vol II, Section 11, Chapter 11.3.c) the fulfillment by Romania of sanitary veterinary conditions and veterinary certification for intra-Community trade with bovine animals and swine - Council Directive 64/432/EEC with subsequent amendments, transposed into national legislation by Order of the President of The National Sanitary Veterinary and Food Safety Authority no. 61/2006 for approving the sanitary veterinary norm on animal health problems affecting intra-Community trade with bovine animals and swine, with subsequent amendments.d) the fulfillment by Romania of sanitary veterinary conditions and veterinary certification for intra-Community with semen, ova and embryos from bovine - Council Directive 88/407/EEC with subsequent amendments, transposed into national legislation in consolidated form, with the last amendment to Council Directive 2008 / 73/EC, by Order of the President of the National Sanitary Veterinary and Food Safety Authority no. 205/2006 for approving the sanitary veterinary norm establishing the animal health requirements applicable to intra-Community trade and to imports of semen of domestic bovine animals, as amended and completed by Order no. 45 May 12, 2008 and of Council Directive 89/556/EEC with subsequent amendments, transposed into national legislation nsolidated form, with the last amendment Council Directive 2008/73/EC, by Order of the President of the National Sanitary Veterinary and Food Safety Authority no. 134 of June 16, 2006 for the approval of sanitary veterinary norm on animal health conditions governing intracommunity-trade and imports from third countries of domestic bovine animals embryos. e) the fulfillment by Romania of sanitary veterinary health conditions and veterinary certification on imports of live bovines - Council Directive 04/68/CE, transposed into national legislation by Order of the President of the National Sanitary Veterinary and Food Safety Authority no. 231 of October 2, 2006 regarding the approval of sanitary veterinary norm setting animal health rules for the import and transit in and through the European Community of certain live ungulate animals;f) the fulfillment by Romania of sanitary veterinary conditions and of veterinary certification regarding the imports of ova, embryos and semen from bovines - Council Directive 89/556/EEC with subsequent amendments, transposed into national legislation in consolidated form, with the last amendment Council Directive 2008 / 73/CE, by Order of the President of the National Sanitary Veterinary and Food Safety Authority no. 134 of June 16, 2006 for the approval of sanitary veterinary norm on animal health conditions governing intercommunity-trade and the imports from third countries of embryos of domestic bovine animals and the Council Directive 88/407/EEC with subsequent amendments, transposed into national legislation in consolidated form, with the latest amendment Council Directive 2008/73/EC, by Order of the President of the National Sanitary Veterinary and Food Safety Authority no. 205/2006 for approving the sanitary veterinary norm establishing the animal health requirements applicable to intra-Community trade and to imports of semen of domestic bovine animals, as amended and supplemented by Order no. 45 of May 12, 2008;g) the fulfillment by Romania of sanitary veterinary conditions and of veterinary certification regarding the imports of products (meat, milk) and by-products derived from bovines Council Decision 1979/542/EEC with subsequent amendments, transposed into national legislation in consolidated form, with the last amendment to the Commission Decision

Monitoring system

Sampling strategy

The herds are classified and sampled according to Council Directive 64/ 432/ EEC

Frequency of the sampling

The herds are classified and sampled according to Council Directive 64/ 432/ EEC

Type of specimen taken

Blood, milk, organs, vaginal mucus, semen, aborted fetus, placenta

Methods of sampling (description of sampling techniques)

CFT (complement fixation test) to be executed in case of positive RBT (rose bengal test).

Vaccination policy

In Romania, on the entire territory of the country, the vaccination against bovine brucellosis never was applied.

Control program/mechanisms

The control program/strategies in place

Romania had a mandatory national program for the control of Brucella bovis. The tests provided in the program are described as follows: 1. Serological surveillance by RSAR Rose Bengal of bovines aged over 12 months are controlled once a year but not later than 12 months since the precedent control.2. Examination of bulk milk samples - three milk ELISAs tests carried out at intervals of at least three months, sample of milk is taken from the milk collected from farms with at least 30 % of dairy cows in milk.3. Cows, buffaloes and heifers that aborted after 14 to 21 days since abortion or which show clinical signs leading to the suspicion of brucella infection. 4. The serological testing of domestic and wild animals are introduced by intra-Community trade or import from third countries over the age of 1 year is made in 1% percent, but not less than 5 samples per batch.5. The compulsory bacteriological and serological surveillance of susceptible species from the hunting fund from all hunted animals.6. Anathomopathological examination and laboratory complex:a) From all the animals that aborted, there are sent slinks to laboratory, placenta, fetal fluids and blood serum samples from 14 to 21 days after abortion. b) all samples taken from the slaughtered bovines that have lesions leading to the suspicioning of brucella infection.

Notification system in place

Brucellosis is a notifiable disease according to "Order no. 79/2008 for the approval of the Sanitary Veterinary Norm regarding the internal notification and official declaration of certain transmissible animal diseases " with subsequent amendments.

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

The NSVFSA President Order no. 77/15.08.2005 for the approval of the sanitary veterinary Norm on notifying animal diseases, represents the official transposition of the Council Directive 1982/894/CE regarding the notification of animal diseases, which transposes the Council Directive 82/894/EEC, with further amendments and completions.The disease was mandatory notifiable and subject to quarantine measures, during the last 15 years. There wasnt any bovine brucellosis suspicion during the last 15 years and no cases of disease were detected during the same period.

2.2.2.2 B. melitensis in animal - Goats

Status as officially free of caprine brucellosis during the reporting year

The entire country free

Those recognized by the European Commission according to community legislation (Dec. 399/ 2007/EC).

Free regions

2007/399/EC: Commission Decision of 11 June 2007 amending Decision 93/52/EEC as regards the declaration that Romania is officially free of brucellosis (B. melitensis)

Monitoring system

Sampling strategy

Council Directive 91/68/EEC on animal health conditions governing intra-Community trade in sheep and goats.

Frequency of the sampling

Council Directive 91/68/EEC on animal health conditions governing intra-Community trade in sheep and goats.

Type of specimen taken

Blood

Methods of sampling (description of sampling techniques)

RBT and CFT in case of positivity to RBT and CFT isolation of Br. melitensis.

Vaccination policy

The vaccination against Br. Melitensis was no applied.

Control program/mechanisms

The control program/strategies in place

The monitoring and control programme of ovine and caprine brucellosis is realized through:a)Rose bengal plate agglutination test and Complement Fixation Test, for 5% of the sheep and goats over the age of 6 months.b)Serological examination (Rose bengal plate agglutination test and Complement Fixation Test) for all animals presenting clinical manifestations that lead to a suspected infection.c)Laboratory examinations for the samples obtained from carcasses with lesions suspected to be due to brucellosis.d)Laboratory examinations of aborted foetuses from sheep and goats.e)Supervision of wild ruminants grown in captivity and semi-captivity, from natural reserves, parks, zoological gardens, etc.

Measures in case of the positive findings or single cases

Until present time, in Romania, there have been no cases of the disease reported.

Notification system in place

Brucellosis is a notifiable disease according to "Order no. 79/2008 for the approval of the Sanitary Veterinary Norm regarding the internal notification and official declaration of certain transmissible animal diseases " with subsequent amendments.

2.2.2.3 B. melitensis in animal - Sheep

Status as officially free of ovine brucellosis during the reporting year

The entire country free

Those recognized by the European Commission according to community legislation (Dec. 399/ 2007/EC).

Free regions

2007/399/EC: Commission Decision of 11 June 2007 amending Decision 93/52/EEC as regards the declaration that Romania is officially free of brucellosis (B. melitensis)

Additional information

For the information concerning sheep, please refer to brucellosis in goats, as the program of control is the same for sheep and goats.

3 INFORMATION ON SPECIFIC ZOONOSES AND ZOONOTIC AGENTS

Zoonoses are diseases or infections, which are naturally transmissible directly or indirectly between animals and humans. Foodstuffs serve often as vehicles of zoonotic infections. Zoonotic agents cover viruses, bacteria, fungi, parasites or other biological entities that are likely to cause zoonoses.

3.1 SALMONELLOSIS

3.1.1 General evaluation of the national situation

3.1.1.1 Salmonella - general evaluation

History of the disease and/or infection in the country

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

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

The Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013), yearly updated which is according with the provisions of Regulation 2005/2073/EC.In 2013, 436 strains of Salmonella spp. were isolated, from which: 219 meat from broilers and products thereof, 93 meat from pig and products thereof, 64 meat, mixed meat, 42 meat from turkey and products thereof, 10 cheeses, 6 meat from bovine; 1 meat from sheep and 1 strain egg.

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

Comparison of the Salmonella sero-types found in animals, feeding stuffs, food and human helps to suggest possible sources of infection in the food chain.

Additional information

Salmonella in feeding stuffs:The feeding stuffs for poultry and other animals must be free from Salmonella. The samples of feeding stuffs are sent for testing by the owners of poultry farms.Veterinary Inspection conducts random, regular inspection in feeding stuffs production plants, inparticular of microbiological standards, types of internal controls used by the owners of these plants to guarantee the appropriate quality of final product. In addition, it was foreseen that within the National Plan for the official control of animal feedstuffs in the scope of the supervision of Veterinary Inspection which is approved every year , samples are going to be randomly taken from the feedstuffs production plants, holdings and trading and tested for Salmonella.Operators duties in case of detection of inappropriate microbiological quality of product1.notifying the District Veterinary Officer on the results of sample testing and the batch of products from which they were taken2.secondary processing of contaminated batch, according to an indicated method, under supervision of Veterinary Inspection3.increasing the frequency of samplingIn 2013, 27 strains of Salmonella spp. were isolated, from which: 13 feed material of land animal origin, 10 compound feedingstuffs for poultry - laying hens, 6 compound feedingstuffs for pigs

3.1.2 Salmonella in foodstuffs

3.1.2.1 Salmonella spp. in food - Meat from bovine animals

Monitoring system

Sampling strategy

At slaughterhouse and cutting plant

According to the provisions of the Romanian National Surveillance Program approved by Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013) all food industry establishments are classified into 3 categories, based on the risk assessment provided by the official vets acting at regional/county Sanitary Veterinary and Food Safety Directorates level (i.e. category III - high risk, category II - medium risk, and category I - low risk). According to the provisions of the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013), as amended, the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses and cutting plants on the base of risk assessment of establishments, as follows: - samples on bovine carcasses surfaces for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;- samples of bovine meat including fresh meat (muscle tissue) and offal (liver, kidney) for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;-samples of bovine meat for testing of Salmonella: - once a quarter (quarterly) at cutting plants in category III; - once a semester (twice/year) at cutting plants in category II; - once a year (annually) at cutting plants in category I.

At meat processing plant

According to the provisions of the Romanian National Surveillance Program approved by Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at meat processing plant on the base of risk assessment of establishments, as follows: - samples of bovine meat products for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; - samples of bovine minced meat for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; -samples of bovine meat preparation for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, the food business operators of establishments producing minced meat, meat preparations or mechanically separated meat shall take samples for microbiological analysis at least once a week. The day of sampling shall be changed each week to ensure that each day of the week is covered.In the case of sampling for Salmonella analyses of minced meat, meat preparations and carcases, the frequency may be reduced to fortnightly if satisfactory results have been obtained for 30 consecutive weeks.

At retail

According to the provisions of the Romanian National Surveillance Program approved by Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets annually and in case of consumer complaints, suspicions or food borne outbreaks.

Frequency of the sampling

At slaughterhouse and cutting plant

Other: the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses and cutting plants on the base of risk assessment of establishments, as follows: - samples on bovine carcasses surfaces for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;- samples of bovine meat including fresh meat (muscle tissue) and offal (liver, kidney) for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;-samples of bovine meat for testing of Salmonella: - once a quarter (quarterly) at cutting plants in category III; - once a semester (twice/year) at cutting plants in category II; - once a year (annually) at cutting plants in category I.

At meat processing plant

Other: the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at meat processing plant on the base of risk assessment of establishments, as follows: - samples of bovine meat products for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; - samples of bovine minced meat for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; -samples of bovine meat preparation for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.

At retail

Other: annually and in case of consumer complaints, suspicions or food borne outbreaks.

Type of specimen taken

At slaughterhouse and cutting plant

Other: surface of carcass, fresh meat (muscle tissue), offal (liver, kidney).

At meat processing plant

Other: meat products, meat preparation, minced meat

At retail

Other: raw material (fresh meat) and finish products (meat products, meat preparations, minced meat)

Methods of sampling (description of sampling techniques)

At slaughterhouse and cutting plant

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

At meat processing plant

There are 2 situations:-for the matrix which are found in Regulation 2005/2073 a sample consists of 5 pooled samples. -for the matrix which are not found in Regulation 2005/2073, but are mentioned in The National Surveillance Program Order, a tested unit consists of 1 sample.

At retail

According to the provision of Regulation 2073/2005/EC, in the framework of National Surveillance Program and of food business operators own control program.

Definition of positive finding

At slaughterhouse and cutting plant

Bovine meat and products thereof are considered to be positive when Salmonella spp. is isolated

At meat processing plant

Bovine meat and products thereof are considered to be positive when Salmonella spp. is isolated

At retail

Bovine meat and products thereof are considered to be positive when Salmonella spp. is isolated

Diagnostic/analytical methods used

At slaughterhouse and cutting plant

Bacteriological method: EN ISO 6579

At meat processing plant

Bacteriological method: EN ISO 6579

At retail

Bacteriological method: EN ISO 6579

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013) yearly updated and the susceptibility testing of Salmonella is a part of the program.

Measures in case of the positive findings or single cases

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

Notification system in place

Laboratory has to notify the positive result to the regional and central authority and the regional authority will notify the food business operator.

Results of the investigation

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

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

Bovine meat is not considered to be an important source of human cases in Romania.

3.1.2.2 Salmonella spp. in food - Meat from broilers (Gallus gallus)

Monitoring system

Sampling strategy

At slaughterhouse and cutting plant

According to the provisions of the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013) all food industry establishments are classified into 3 categories, based on the risk assessment provided by the official vets acting at regional/county Sanitary Veterinary and Food Safety Directorates level (i.e. category III - high risk, category II - medium risk, and category I - low risk). According to the provisions of the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses and cutting plants on the base of risk assessment of establishments, as follows: - samples on broiler carcasses surfaces for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;- samples of whole broiler carcasses for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III, II and I, in the framework of the Romanian national monitoring program of Salmonella in broilers at slaughterhouse level, issued by the Romanian National Sanitary Veterinary and Food Safety Authority and included into the Romanian National Surveillance Program approved by Order 43/2012; - samples of broiler meat for Salmonella testing: - once a quarter (quarterly) at cutting plants in category III; - once a semester (twice/year) at cutting plants in category II; - once a year (annually) at cutting plants in category I.

At meat processing plant

According to the provisions of the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets of the meat processing plant on the base of risk assessment of establishments, as follows: - samples of broiler meat products for Salmonella testing: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; - samples of broiler minced meat for Salmonella testing: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; -samples of broiler meat preparation for Salmonella testing: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I. According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, the food business operators of establishments producing minced meat, meat preparations or mechanically separated meat shall take samples for microbiological analysis at least once a week. In view to ensure that each day of the week is covered the day of sampling shall be changed each week.In the case of sampling for Salmonella analyses of minced meat, meat preparations and carcases, the frequency may be reduced to fortnightly if satisfactory results have been obtained for 30 consecutive weeks.

At retail

According to the provisions of the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets annually and in case of consumer complaints, suspicions or food borne outbreaks.

Frequency of the sampling

At slaughterhouse and cutting plant

Other: the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses and cutting plants on the base of risk assessment of establishments, as follows: - samples on broiler carcasses surfaces for Salmonella testing: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;- samples of whole broiler carcasses for Salmonella testing: - once a month (monthly) at slaughterhouses in category III, II and I, in the framework of the Romanian national monitoring program for Salmonella in broilers at slaughterhouse level, issued by the Romanian National Sanitary Veterinary and Food Safety Authority and included into the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013). - samples of broiler meat for testing Salmonella: - once a quarter (quarterly) at cutting plants in category III; - once a semester (twice/year) at cutting plants in category II; - once a year (annually) at cutting plants in category I.

At meat processing plant

Other: the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at meat processing plant on the base of risk assessment of establishments, as follows: - samples of broiler meat products for Salmonella testing: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; - samples of broiler minced meat and mechanically separated meat (MSM) derived from broilers for Salmonella testing: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I; -samples of broiler meat preparation for Salmonella testing: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.

At retail

Other: annually and in case of consumer complaints, suspicions or food borne outbreaks.

Type of specimen taken

At slaughterhouse and cutting plant

Other: surface of broiler carcasses, whole broiler carcasses, fresh meat including muscle tissue.

At meat processing plant

Other: meat products, meat preparation, minced meat, mechanically separated meat (MSM).

At retail

Other: raw material (fresh meat) and finish products (meat products, meat preparations, minced meat).

Methods of sampling (description of sampling techniques)

At slaughterhouse and cutting plant

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

At meat processing plant

There are 2 situations:-for the matrix which are found in Regulation 2005/2073 a sample consists of 5 pooled sample. -for the matrix which are not found in Regulation 2005/2073, but are mentioned in The National Surveillance Program, a tested unit consists of 1 sample.

At retail

According to the provision of Regulation 2073/2005/EC, in the framework of National Surveillance Program and of food business operators own check programs.

Definition of positive finding

At slaughterhouse and cutting plant

Broiler meat and products thereof are considered to be positive when Salmonella spp. is isolated

At meat processing plant

Broiler meat and products thereof are considered to be positive when Salmonella spp. is isolated

At retail

Broiler meat and products thereof are considered to be positive when Salmonella spp. is isolated

Diagnostic/analytical methods used

At slaughterhouse and cutting plant

Bacteriological method: EN ISO 6579

At meat processing plant

Bacteriological method: EN ISO 6579

At retail

Bacteriological method: EN ISO 6579

Preventive measures in place

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013). yearly updated and the susceptibility testing of Salmonella is a part of the program.

Measures in case of the positive findings or single cases

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

Notification system in place

Laboratories have to notify the positive results to the regional and central authority and the regional authority will notify the food business operator.

Results of the investigation

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

3.1.2.3 Salmonella spp. in food - Meat from pig

Monitoring system

Sampling strategy

At slaughterhouse and cutting plant

According to the provisions of the Romanian National Surveillance Programe approved by National Sanitary Veterinary and Food Safety Authority President Order no 43/2012 (also the Order was applicable for 2013) all food industry establishments are classified into 3 categories, based on the risk assessment provided by the official vets acting at regional/county Sanitary Veterinary and Food Safety Directorates level (i.e. category III - high risk, category II - medium risk, and category I - low risk). According to the provisions of the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses and cutting plants on the base of risk assessment of establishments, as follows: - samples on pig carcasses surfaces for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;- samples of pig meat including fresh meat (muscle tissue) and offal (liver, kidney) for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;-samples of pig meat for testing of Salmonella: - once a quarter (quarterly) at cutting plants in category III; - once a semester (twice/year) at cutting plants in category II; - once a year (annually) at cutting plants in category I.

At meat processing plant

According to the provisions of the Romanian National Surveillance Program approved by National Sanitary Veterinary and Food Safety Authority President Order no 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at meat processing plants, on the base of risk assessment of establishments, as follows: - samples of pig meat products for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.- samples of pig minced meat for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.- samples of pig meat preparation for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, the food business operators of establishments producing minced meat, meat preparations or mechanically separated meat shall take samples for microbiological analysis at least once a week. The day of sampling shall be changed each week to ensure that each day of the week is covered.In the case of sampling for Salmonella analyses of minced meat, meat preparations and carcases, the frequency may be reduced to fortnightly if satisfactory results have been obtained for 30 consecutive weeks.

At retail

According to the provisions of the Romanian National Surveillance Program approved by National Sanitary Veterinary and Food Safety Authority President Order no 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets annually and in case of consumer complaints, suspicions or food borne outbreaks.

Frequency of the sampling

At slaughterhouse and cutting plant

Other: the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses and cutting plants on the base of risk assessment of establishments, as follows: - samples on pig carcasses surfaces for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;- samples of pig meat including fresh meat (muscle tissue) and offal (liver, kidney) for testing of Salmonella: - once a month (monthly) at slaughterhouses in category III; - once a quarter (quarterly) at slaughterhouses in category II; - once a semester (twice/year) at slaughterhouses in category I;-samples of pig meat for testing of Salmonella: - once a quarter (quarterly) at cutting plants in category III; - once a semester (twice/year) at cutting plants in category II; - once a year (annually) at cutting plants in category I.

At meat processing plant

Other: According to the provisions of the Romanian National Surveillance Program approved by Order 43/2012 (also the Order was applicable for 2013) the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at meat processing plants, on the base of risk assessment of establishments, as follows: - samples of pig meat products for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.- samples of pig minced meat for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.- samples of pig meat preparation for testing of Salmonella: - once a quarter (quarterly) at meat processing plants in category III; - once a semester (twice/year) at meat processing plants in category II; - once a year (annually) at meat processing plants in category I.

At retail

Other: annually and in case of consumer complaints, suspicions or food borne outbreaks.

Type of specimen taken

At slaughterhouse and cutting plant

Other: surface of carcass, fresh meat including muscle tissue and offal (liver, kidney)

At meat processing plant

Other: meat products, meat preparation, minced meat

At retail

Other: raw material (fresh meat) and finish products (meat products, meat preparations, minced meat)

Methods of sampling (description of sampling techniques)

At slaughterhouse and cutting plant

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

At meat processing plant

There are 2 situations:-for the matrix which are found in Regulation 2005/2073 a sample consists of 5 pooled samples were taken. -for the matrix which were not found in Regulation 2005/2073, but are mentioned in The National Surveillance Program no 43/2012, a sample consists of 1 unit.

At retail

According to the provision of Regulation 2073/2005/EC, in the framework of National Surveillance Programme and of food bussiness operators own control programmes.

Definition of positive finding

At slaughterhouse and cutting plant

Pig meat and products thereof are considered to be positive when Salmonella spp. is isolated

At meat processing plant

Pig meat and products thereof are considered to be positive when Salmonella spp. is isolated

At retail

Pig meat and products thereof are considered to be positive when Salmonella spp. is isolated

Diagnostic/analytical methods used

At slaughterhouse and cutting plant

Bacteriological method: EN ISO 6579

At meat processing plant

Bacteriological method: EN ISO 6579

At retail

Bacteriological method: EN ISO 6579

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013) yearly updated and the susceptibility testing of Salmonella is a part of the program.

Measures in case of the positive findings or single cases

A positive laboratory finding of Salmonella spp. is followed by a notification by RASFF to all levels (central, regional and local). Then all the food chain it is controlled in order to identify the source of contamination. The contaminated batches of pig meat are traced back and detent under restrictions, until the results of Salmonella serotyping is communicate and depending on the serotype of Salmonella the different measures are applied. If the sample of pig meat was found positive for Salmonella Enteritidis and/or Salmonella Typhimurium then the whole batch of pig meat is declared unfitted for human consumption and is denaturated.If a sample of pig meat is found positive for Salmonella spp., other than Salmonella Enteritidis and Salmonella Typhimurium, the pig meat can be admitted for human consumption only if it is undergone to an adequate heat treatment, under veterinary surveillance and if the results of microbiological analysis of the pig meat heat treated are found negative for Salmonella spp.If a sample of pig meat products is found positive for Salmonella spp. the whole batch of pig meat products are declared unfitted for human consumption and is denaturated.

Notification system in place

The laboratory has to notify the positive result to the regional and central authority and the regional authority will notify the food business operator.

Results of the investigation

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

3.1.2.4 Salmonella spp. in food - Meat from turkey

Monitoring system

Sampling strategy

At slaughterhouse and cutting plant

According to the provisions of the Romanian National Surveillance Program approved by National Sanitary Veterinary and Food Safety Authority President Order no 43/2012 (also the Order was applicable for 2013), the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at slaughterhouses and cutting plants as follows: - samples on turkey carcasses surfaces for testing of Salmonella - once a month (monthly) at slaughterhouse;- samples of turkey meat including fresh meat (muscle tissue) and offal (liver) for testing of Salmonella - once a month (monthly) at slaughterhouse;-samples of turkey meat for testing of Salmonella - once a quarter (trimester) at cutting plant.

At meat processing plant

According to the provisions of the Romanian National Surveillance Program approved by National Sanitary Veterinary and Food Safety Authority President Order no 43/2012 (also the Order was applicable for 2013), the samples for monitoring and testing of Salmonella are compulsory taken by the official vets acting at meat processing plant as follows: - samples of meat products for testing of Salmonella - once a quarter (trimester) at meat processing plant;- samples of turkey minced meat for testing of Salmonella - once a quarter (trimester) at meat processing plant;-samples of turkey meat preparation for testing of Salmonella - once a quarter (trimester) at meat processing plant. According to the provisions of the Regulation 2005/2073/EC, with subsequent amendments and completions, the food business operators of establishments producing minced meat, meat preparations or mechanically separated meat shall take samples for microbiological analysis at least once a week. The day of sampling shall be changed each week to ensure that each day of the week is covered.In the case of sampling for Salmonella analyzes of minced meat, meat preparations and carcasses, the frequency may be reduced to fortnightly if satisfactory results have been obtained for 30 consecutive weeks.

At retail

According to the provisions of the Romanian National Surveillance Program approved by National Sanitary Veterinary and Food Safety Authority President Order no 43/2012 (also the Order was applicable for 2013), the samples for monitoring and testing of Salmonella are compulsory taken by the official vets annually and in case of consumer complaints, suspicions or food borne outbreaks.

Frequency of the sampling

At slaughterhouse and cutting plant

Other: samples of turkey carcasses surfaces - once a month at slaughterhouse; samples of turkey meat including fresh meat (muscle tissue) and offal (liver) - once a month at slaughterhouse; samples of turkey meat - once a quarter at cutting plant.

At meat processing plant

Other: samples of meat products, minced meat and meat preparation - once a quarter.

At retail

Other: annually and in case of consumer complaints, suspicions or food borne outbreaks.

Type of specimen taken

At slaughterhouse and cutting plant

Other: surface of carcass, fresh meat including muscle tissue and offal (liver).

At meat processing plant

Other: meat products, meat preparation, minced meat, mechanically separated meat (MSM).

At retail

Other: raw material (fresh meat) and finish products (meat products, meat preparations, minced meat).

Methods of sampling (description of sampling techniques)

At slaughterhouse and cutting plant

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

At meat processing plant

There are 2 situations:-for the matrix which are found in Regulation 2005/2073 a sample consists of 5 pooled samples. -for the matrix which were not found in Regulation 2005/2073, but are found in The National Surveillance Program, a sample consists of 1 unit.

At retail

According to the provision of Regulation 2073/2005/EC, in the framework of National Surveillance Program and of food business operators own control programs.

Definition of positive finding

At slaughterhouse and cutting plant

Turkey meat and products thereof are considered to be positive when Salmonella spp. is isolated

At meat processing plant

Turkey meat and products thereof are considered to be positive when Salmonella spp. is isolated

At retail

Turkey meat and products thereof are considered to be positive when Salmonella spp. is isolated

Diagnostic/analytical methods used

At slaughterhouse and cutting plant

Bacteriological method: EN ISO 6579

At meat processing plant

Bacteriological method: EN ISO 6579

At retail

Bacteriological method: EN ISO 6579

Preventive measures in place

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013), yearly updated and the susceptibility testing of Salmonella is a part of the program.

Measures in case of the positive findings or single cases

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

Notification system in place

Laboratories have to notify the positive results to the regional and central authority and the regional authority will notify the food business operator.

Results of the investigation

3.1.2.5 Salmonella spp. in food - Eggs

Monitoring system

Sampling strategy

According to the provisions of the Romanian National Surveillance Program approved by Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013), the samples for monitoring and testing of Salmonella are compulsory taken by the official vets in the egg establishments as follows: - samples of eggs for testing of Salmonella - once a quarter (trimester) at egg packing center (EPC);- samples of eggs and finish products for testing of Salmonella - once a quarter (trimester) at the establishments producing liquid egg;- samples of eggs and finish products for testing of Salmonella - once a quarter (trimester) at the egg processing establishments.

Frequency of the sampling

Eggs at egg packing centres (foodstuff based approach)

Every 3 months

Eggs at retail

Once a year and in case of consumer complaints, suspicions or food borne outbreaks.

Raw material for egg products (at production plant)

Every 3 months

Egg products (at production plant and at retail)

Egg products at production plant: Every 3 months; Egg products at retail: Once a year and in case of consumer complaints, suspicions or food borne outbreaks.

Type of specimen taken

Eggs at egg packing centres (foodstuff based approach)

Surface of egg shells and mixture of white and yellow.

Eggs at retail

Surface of egg shells and mixture of white and yolk.

Raw material for egg products (at production plant)

Other: egg white, egg yolk and mixture of white and yolk.

Egg products (at production plant and at retail)

Egg products: Other: egg white, egg yolk and mixture of white and yolk.

Methods of sampling (description of sampling techniques)

Eggs at retail

Raw material for egg products (at production plant)

Egg products (at production plant and at retail)

Definition of positive finding

Eggs at egg packing centres (foodstuff based approach)

Eggs and egg products are considered to be positive when Salmonella spp. is isolated

Eggs at retail

Eggs and egg products are considered to be positive when Salmonella spp. is isolated

Raw material for egg products (at production plant)

Eggs and egg products are considered to be positive when Salmonella spp. is isolated

Egg products (at production plant and at retail)

Eggs and egg products are considered to be positive when Salmonella spp. is isolated

Diagnostic/analytical methods used

Eggs at egg packing centres (foodstuff based approach)

Bacteriological method: EN ISO 6579

Eggs at retail

Bacteriological method: EN ISO 6579

Raw material for egg products (at production plant)

Bacteriological method: EN ISO 6579

Egg products (at production plant and at retail)

Bacteriological method: EN ISO 6579

Preventive measures in place

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Program is a national program, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013), yearly updated and the susceptibility testing of Salmonella is a part of the program.

Measures in case of the positive findings

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

Notification system in place

Laboratories have to notify the positive results to the regional competent authority and the regional authority will notify the food business operator.

Results of the investigation

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

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

3.1.3 Salmonella in animals

3.1.3.1 Salmonella spp. in animal - Cattle (bovine animals)

Monitoring system

Sampling strategy

There is no official monitoring system on farm level. Investigations are initiated by the owners of the animals.

Frequency of the sampling

Animals at farm

Other: voluntary samples taken by veterinarian for diagnostic purposes.

Type of specimen taken

Animals at farm

Other: Faeces and various organs.

Methods of sampling (description of sampling techniques)

Animals at farm

Voluntary samples usually taken by a veterinarian for diagnostic purposes.

Case definition

Animals at farm

Detection of Salmonella spp. from sample taken from the animal, group of animals or associated with their environment.

Diagnostic/analytical methods used

Animals at farm

Other: Various bacteriological methods, including method described in Annex D of ISO 6579:2002.

3.1.3.2 Salmonella spp. in animal - Gallus gallus (fowl) - broilers

Monitoring system

Sampling strategy

Broiler flocks

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

Frequency of the sampling

Broiler flocks: Before slaughter at farm

Within 3 weeks prior to moving to the abattoir/depopulation

Type of specimen taken

Broiler flocks: Before slaughter at farm

Boot swabs

Broiler flocks: At slaughter (flock based approach)

Neck skin

Methods of sampling (description of sampling techniques)

Broiler flocks: Before slaughter at farm

Operators were required to implement the sampling programme in the Annex to EC Regulation 200/2012 (self-control sampling).Two pairs of boot sock/swabs were taken by the operator within the period of three weeks before the birds are due for slaughter. The samples were taken in sufficient time for the laboratory results to be known before the birds are transported to the slaughter house. It is important to know the Salmonella status of the flock before the first birds are slaughtered. Samples were submitted to a laboratory authorized by the Competent Authority and which applies quality assurance systems that conform to the requirements of the current EN/ISO standard. Official control: Each year at least 10% of holdings with more than 5,000 birds were selected and at least one flock on the holding were sampled by Animal Health, or other authorized agent, acting on behalf of the Competent Authority, who took an official sample. In addition, attention was given to flocks where there have been previously positive Salmonella findings in the samples taken by the operators. Particular attention was given to holdings where S. Enteritidis or S. Typhimurium has been isolated from samples. When an official sample was taken it may replace the sample required to be taken by the operator. In accordance with Regulation (EC) No. 200/2012 Annex point 1 (c) the operator of a broiler holding may make an application to the Competent Authority for a derogation not to sample all flocks on the holding. The Competent Authority will assess the application for derogation against the criteria listed in the Annex. The Competent Authority may approve the derogation if satisfied.Sampling protocol. For each flock* At least two pairs of boot/sock swabs shall be taken. All boot/sock swabs must be pooled into one sample. For free range broiler flocks, samples shall only be collected in the area inside the house. Before using the boot/sock swabs, their surface shall be moistened with deionised water, or sterile water or any other diluents approved by the national reference laboratory referred to in Article 11 of Regulation (EC) No 2160/2003. The use of farm water containing antimicrobials or additional disinfectants shall be prohibited. The recommended way to moisten boot swabs shall be to pour the liquid inside before putting them on. It shall be ensured that all sections in a house are represented in the sampling in a proportionate way and that at least 100 steps are taken with each pair of boot swabs. Each pair should cover about 50 % of the area of the house. On completion of sampling the boot/sock swabs shall be carefully removed so as not to dislodge adherent material. Boot swabs may be inverted to retain material. They shall be placed in a bag or pot and labelled to identify the flock sampled, and the date the samples were taken.

Broiler flocks: At slaughter (flock based approach)

According to the provisions of the Order of President on National Sanitary Veterinary and Food Safety Authority no.34/2006, transposing into Romanian legislation the Directive 2003/99/EC, all the Salmonella spp. strains isolated in foodstuffs derived from products of animal origin were compulsory tested for the antimicrobial resistance.

Case definition

Broiler flocks: Before slaughter at farm

Diagnostic/analytical methods used

Broiler flocks: Before slaughter at farm

Bacteriological method: ISO 6579:2002

Vaccination policy

Broiler flocks

Live Salmonella vaccines are not used in the framework of national control programme where the manufacturer does not provide an appropriate method to distinguish bacteriological wild-type strains of salmonella from vaccine strains. Although vaccines against Salmonella are not currently used in broilers.

Other preventive measures than vaccination in place

Broiler flocks

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

Control program/mechanisms

The control program/strategies in place

Broiler flocks

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

Measures in case of the positive findings or single cases

Broiler flocks: Before slaughter at farm

In case of suspicion or confirmation of Salmonella enteritidis or Salmonella typhimurium the NRL shall notify immediately the N.S.V.F.S. and local C.S.V.F.S.D..In case of suspicion of infection the local C.S.V.F.S.D. and the relevant authorities: - prohibited the movement of broilers-take additional samples for conformation of infectionWhen the broilers are confirmed for the presence of Salmonella enteritidis or Salmonella typhimurium:1. Fresh meat from broilers may be placed on the market on the condition that it meets the requirement of absence of Salmonella in 25 grams from the meat. 2. The requirement laid down in point 1 does not apply to fresh poultry meat destined for heat treatment or another treatment to eliminate salmonella in accordance with Community legislation on food hygiene. 3. The criterion laid down in point 1 does not apply to fresh poultry meat destined for industrial heat treatment or another treatment to eliminate salmonella in accordance with Community legislation on food hygieneWhen a broiler flock of Gallus gallus is suspected of being infected with Salmonella Enteritidis or Salmonella Typhimurium the flock will be investigated. The flock is suspected of being infected when S. Enteritidis or S. Typhimurium is isolated from a sample of faeces, or boot swabs, carried out privately or as required by either the operator or the Competent Authority as detailed in the Annex to Regulation (EC) No 646/2007. Tissue/organs may be taken from birds as part of the investigation of clinical disease by the veterinarian; these cases will be discussed and additional follow up investigation carried out as appropriate, along with advice on Salmonella control.Competent Authority will notify the operator to clean and disinfect the building from which the infected flock originated. After cleaning and disinfecting of the building the operator may be required to take swabs from a number of sites in the building and submit them to an approved laboratory in view to be tested for Salmonella in order to check the efficiency of the hygiene measures taken. In cases where S. Enteritidis or S. Typhimurium was isolated the cleaning and disinfection may be checked by the Competent Authority or its agent. If the results of post-cleaning and disinfection monitoring of Salmonella are positive for S. Enteritidis or S. Typhimurium, the next crop (cycle) will be monitored under supervision of the Competent Authority or its agent. If Salmonella is isolated in this subsequent crop of birds the holding will be placed under official control; re-stocking of the house will be permitted only if the supervised post-cleaning and disinfection samples from the house are negative.For the purposes of establishing the progress towards the target if S. Enteritidis or S. Typhimurium is isolated from either an operator sample or an official sample the flock is classed as positive. A flock positive for a specific serotype will be recorded only once for that serotype.Operators with a flock which is positive for S. Enteritidis or S. Typhimurium will be contacted by the Competent Authority for advice on how to reduce or eliminate the Salmonella. Advice on the control of Salmonella in broilers will be available from government experts on Salmonella control. Advice may include recommendations on management, cleaning and disinfection, pest control, biosecurity, monitoring, and the potential use of other aids in the control of Salmonella.

Notification system in place

A positive laboratory finding of Salmonella ssp in food stuff derived from poultry is followed by a notification by RASFF to all levels (central, regional and local).Then the all food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and detent under restrictions, till the results of salmonella serotyping come, and depending of the type of the Salmonella we apply different measures (general measures : effective cleaning and disinfection of the premises and equipment are carried out and monitoring too).

3.1.3.3 Salmonella spp. in animal - Pigs

Monitoring system

Sampling strategy

Breeding herds

There is no official monitoring system on farm level. Investigations are initiated by the owners of the animals.

Multiplying herds

See Breeding herds.

Fattening herds

See Breeding herds.

Frequency of the sampling

Breeding herds

Other: voluntary samples taken by veterinarian for diagnostic purposes.

Multiplying herds

Other: see Breeding herds.

Fattening herds at farm

Other: see Breeding herds.

Fattening herds at slaughterhouse (herd based approach)

Type of specimen taken

Breeding herds

Other: Faeces and various organs.

Methods of sampling (description of sampling techniques)

Breeding herds

Voluntary samples usually taken by a veterinarian for diagnostic purposes.

Multiplying herds

see Breeding herds.

Fattening herds at farm

see Breeding herds.

Case definition

Breeding herds

Detection of Salmonella spp. from sample taken from the animal, group of animals or associated with their environment.

Multiplying herds

see Breeding herds.

Fattening herds at farm

see Breeding herds.

Diagnostic/analytical methods used

Breeding herds

Other: Various bacteriological methods, including method described in Annex D of ISO 6579:2002.

Multiplying herds

Other: see Breeding herds.

Fattening herds at farm

Other: see Breeding herds.

3.1.3.4 Salmonella spp. in animal - Gallus gallus (fowl) - laying hens

Monitoring system

Sampling strategy

Laying hens flocks

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

Frequency of the sampling

Laying hens: Day-old chicks

Other: No official sampling;only samples taken by operators (self control) can consist in:(a) One chick box liner, up to a maximum of 10, for every 500 chicks delivered from each hatchery. Samples taken on the day of arrival.(b) The carcasses of all chicks, up to a maximum of 60, from each hatchery which are dead on arrival.

Laying hens: Rearing period

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

Laying hens: Production period

Monitoring by operators shall take place according to Regulation (EC) No 517/2011 Annex Point 2: Monitoring in Laying Flocks every 15 weeks starting when the birds are 22 26 weeks of age.Official samples:One sample will be taken under the control of the Competent Authority for Regulation 2160/2003 from one layer flock on each holding with more than 1000 birds during the period of production of eggs for human consumption as specified in 2.1 of Annex to Commission Regulation (EC) No 517/2011.

Laying hens: Before slaughter at farm

Other: no official samples

Laying hens: At slaughter

Other: no official samples

Eggs at packing centre (flock based approach)

Every 3 months

Type of specimen taken

Laying hens: Day-old chicks

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

Laying hens: Rearing period

Other: can consist in: a minimum 2 pairs of boot swabs per house, or composite faeces sample taken according to the Council Regulation (EC) No 517/2011

Laying hens: Production period

Samples taken by the operators and samples taken by the Official samples consist in boot swabs/ faeces, and dust samples

Eggs at packing centre (flock based approach)

Other:Surface of egg shells and mixture of white and yellow.

Methods of sampling (description of sampling techniques)

Laying hens: Day-old chicks

Samples taken by operators are sent to authorized and approved laboratory for examination. Isolates are sent to the NRL for serotyping and priority is given to any isolate culture result Group B or Group D.

Laying hens: Rearing period

Samples taken by operators are sent to authorized and approved laboratory for examination. Isolates are sent to the NRL for serotyping and phage typing and priority is given to any isolate culture result Group B or Group D

Case definition

Laying hens: Day-old chicks

Samples taken by operators are sent to authorized laboratory for examination. Isolates are sent to the NRL for serotyping and phage typing and priority is given to any isolate culture result Group B or Group D.A flock is an epidemiological unit.Definition of a case:A positive case is a flock, where positive result in laboratory tests for detection of Salmonella was confirmed by official sampling.

Laying hens: Rearing period

Samples taken by operators are sent to authorized laboratory for examination. Isolates are sent to the NRL for serotyping and phage typing and priority is given to any isolate culture result Group B or Group D.A flock is an epidemiological unit.Definition of a case:A positive case is a flock, where positive result in laboratory tests for detection of Salmonella was confirmed by official sampling.

Eggs at packing centre (flock based approach)

Definition of a positive findingThere are 2 situations:-for the matrix which are found in Regulation 2005/2073, c=0, absence in 25 grams; -for the matrix which were not found in Regulation 2005/2073, but there were in The National Surveillance Programme no 4/31.01.2008, foodstuff is considered to be positive when Salmonella spp is detected.

Diagnostic/analytical methods used

Laying hens: Day-old chicks

Other:Bacteriological method :ISO 6579:2002/A1:2006

Laying hens: Rearing period

Other:Bacteriological method :ISO 6579:2002/A1:2006

Laying hens: Production period

Other:Bacteriological method :ISO 6579:2002/A1:2006

Eggs at packing centre (flock based approach)

Other:

Vaccination policy

Laying hens flocks

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

Control program/mechanisms

The control program/strategies in place

Laying hens flocks

Specific requirements concerning flocks of laying hens 1. Eggs shall not be used for direct human consumption as table eggs unless they originate from a commercial flock of laying hens subject to Salmonella national control programme established and is not under official restriction. 2. Eggs originating from flocks with unknown health status, that are suspected of being infected or that are infected with Salmonella serotypes for which a target for reduction has been set or which were identified as the source of infection in a specific human food-borne outbreak, may be used for human consumption only if they are treated in a manner that guarantees the destruction of all Salmonella serotypes with public health significance in accordance with Community legislation on food hygiene. Eggs originating from flocks with unknown health status, that are suspected of being infected or that are infected with Salmonella serotypes for which a target for reduction has been set or which were identified as the source of infection in a specific human food-borne outbreak, shall be: (a) considered as Class B eggs as defined in Article 2(4) of Commission Regulation (EC) No 557/2007 laying down detailed rules for implementing Council Regulation (EC) No 1028/2006 on marketing standards for eggs (1); (b) marked with the indication referred to in Article 10 of Commission Regulation (EC) No 557/2007 which clearly distinguishes them from Class A eggs prior to being placed on the market; (c) prohibited access to packaging centers unless the competent authority is satisfied with the measures to prevent possible cross-contamination of eggs from other flocks. 3. When birds from infected flocks are slaughtered or destroyed, steps are taken to reduce the risk of spreading zoonoses as soon as possible. Slaughtering shall be carried out in accordance with Community legislation on food hygiene. Products derived from such birds may be placed on the market for human consumption in accordance with Community legislation on food hygiene. If they are not destined for human consumption, this products must be used or disposed of in accordance with Regulation (EC) No 1774/2002. 4. In order to exclude false-positive initial results, the competent authority may lift the restrictions laid down in point 2 of this Part: (a) when the flock of layers is not the source of infection for humans by the consumption of eggs or egg products as a result of the epidemiological investigation of food-borne outbreaks in accordance with Article 8 of Directive 2003/99/EC; and (b) where the flock is subjected to a Salmonella national control programme and Salmonella serotypes which a target for reduction has been set, is not confirmed by the following sampling protocol carried out by the competent authority: (i) the technical specifications referred to in Article 5 of Commission Decision 2004/665/EC (seven samples); however, a sub-sample of 25 grams must be collected of each faecal material and dust sample for analysis; all samples must be analyzed separately; or (ii) bacteriological investigation of the caecal and oviducts of 300 birds; or (iii) bacteriological investigation of the shell and the content of 4 000 eggs of each flock in pools of maxi-mum 40 eggs. In addition to the sampling in point (b), the competent authority shall verify the absence of the use of antimicrobial, potentially affecting the result of the analysis of the sampling.

Additional information

Starting to 2008 obligatory National control programme for Salmonella is in place, according to Regulation 2160/ 2003 and Regulation 1003/ 2005.

3.1.3.5 Salmonella spp. in animal - Gallus gallus (fowl) - breeding flocks, unspecified

Monitoring system

Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

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

Frequency of the sampling

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Other: Every flock is sampled (sampling at the initiative of the operator)

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

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

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

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

Type of specimen taken

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

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

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

Environmental sample: boot swabs or composite faeces

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

Environmental sample: boot swabs or composite faeces

Methods of sampling (description of sampling techniques)

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

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

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

According to the requirements of the National Control Programme, mandatory sampling is required at 4 weeks old and then 2 weeks before moving to the laying phase or laying unit as follows:- A minimum of 2 pairs of boot swabs or-A composite faeces sample made up from individual 1g faeces samples selected at random from sites to represent the whole building/space available to the birds.The size of the sample required is determined by the number of birds in the building/ flock.

Breeding flocks: Production period

According to the requirements of the National Control programme, mandatory sampling is required every 2 weeks during the laying/production period as follows:- A minimum of 5 pairs of boot swabs or-A composite faeces sample made up from individual 1g faeces samples selected at random from sites to represent the whole building/space available to the birds. The size of the sample required is determined by the number of birds in the building/ flock.In addition to the sampling above, 3 sets of Official Control Samples are collected from each breeding flock as follows: a) within 4 weeks of moving to the laying accommodation,b)in the middle of the lay, andc) within the last 8 weeks of production.Other operator voluntary monitoring can include hatchery debris, fluff, boot swabs, dust samples etc.

Case definition

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Samples taken by operators are sent to authorized laboratory for examination. Isolates are sent to the NRL for serotyping and phage typing and priority is given to any isolate culture result Group B or Group D.A flock is an epidemiological unit.Definition of a case:A positive case is a flock, where positive result in laboratory tests for detection of Salmonella was confirmed by official sampling.

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

Samples taken by operators are sent to authorized laboratory for examination. Isolates sent to NRL for serotyping and phage typing (as priority if a Group B or Group D has been cultured).A flock is an epidemiological unit.Definition of a case:A positive case is a flock, where positive result in laboratory tests for detection of Salmonella was confirmed by official sampling.

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

Samples taken by operators are sent to authorised laboratory for examination. Isolates sent to NRL for serotyping and phage typing as priority if a Group B or Group D has been cultured. Official samples taken are sent to a approved C.S.V.F.S.L or to National Reference Laboratory for culture.A flock is an epidemiological unit.Definition of a case:A positive case is a flock, where positive result in laboratory tests for detection of Salmonella was confirmed by official sampling.

Diagnostic/analytical methods used

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Other: Bacteriological method :ISO 6579:2002/A1:2007

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

Other: Bacteriological method :ISO 6579:2002/A1:2007

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

Other: Bacteriological method :ISO 6579:2002/A1:2007

Vaccination policy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Vaccination may only be used as a preventative measure; it is not an alternative to the requirements in Annex II C of Commission Regulation (EC) No 2160/2003 for the use of specific control methods in the framework of the National Programmes for the Control of Salmonella. There are no restrictions on the use of Salmonella vaccines which have a marketing authorization.The vaccination is not mandatory and the costs regarding purchase of vaccine doses and the vaccination are incurred by the business operators. Vaccination is performed in accordance with Regulation 1177/2006 and differentiationtests are available to distinguish vaccine strains used in live vaccines from field strains of Salmonella.

Control program/mechanisms

The control program/strategies in place

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Starting to 2007 obligatory National control programme for Salmonella is in place, according to Regulation 2160/ 2003 and Regulation 200/ 2010.

Recent actions taken to control the zoonoses

National control programme for 5 serotypes of Salmonella is in place, which cover the whole territory of Romania.

Measures in case of the positive findings or single cases

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

If the sample taken by operator is positive, than an official sampling is performed to confirm or exclude initial results.In case of positive result flock is destroyed (slaughtered or killed) as well as hatching eggs(destroyed or processed), litter.Compensation to the owners is paid.

Notification system in place

On the basis of National Control Programme 5 serotypes in breeding flocks are under control.

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

3.1.3.6 Salmonella spp. in Turkeys - breeding flocks and meat production flocks

Monitoring system

Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

In 2012 in Romania there were not any turkey breeding flocks .

Meat production flocks

The main objective of Romania National Control programme for the reduction of Salmonella Enteritidis and Salmonella Typhimurium and in turkey rearing for meat flocks is a reduction of the maximum percentage of positive flocks to 1 % or less . In turkey rearing for meat flocks all isolation of Salmonella must be reported to the Competent authority .In Romania holdings of turkey rearing for meat flocks where S. Enteritidis and S. Typhimurium have been isolated are given advice on Salmonella control and a visit to carry out an epidemiological inquiry as appropriate.The National Control Programme for Salmonella in turkey flocks was put in place in 01 January 2010.Starting with 01 January 2010 the National Control Programme for Salmonella in turkey was held in all holdings of turkeys flocks consisting of at least 500 poultry of. Turkey holdings which have between 500 and 5,000 of birds were not the subject of official testing, but they perform tests on the initiative of operators (self-control) within 3 weeks prior to depopulation and sending the birds abattoir.

Frequency of the sampling

Meat production flocks: Before slaughter at farm

Every flock is sampled

Type of specimen taken

Meat production flocks: Before slaughter at farm

Socks/ boot swabs

Methods of sampling (description of sampling techniques)

Meat production flocks: Before slaughter at farm

Operators were required to implement the sampling programme in the Annex to EC Regulation 1190/2012 (self-control sampling).Two pairs of boot sock/swabs were taken by the operator within the period of three weeks before the birds are due for slaughter. The samples were taken in sufficient time for the laboratory results to be known before the birds are transported to the slaughter house. It is important to know the Salmonella status of the flock before the first birds are slaughtered. Samples were submitted to a laboratory authorized by the Competent Authority and which applies quality assurance systems that conform to the requirements of the current EN/ISO standard. Official control: Each year at least 10% of holdings with more than 5,000 birds were selected and at least one flock on the holding were sampled by Animal Health, or other authorized agent, acting on behalf of the Competent Authority, who took an official sample. In addition, attention was given to flocks where there have been previously positive Salmonella findings in the samples taken by the operators. Particular attention was given to holdings where S. Enteritidis or S. Typhimurium has been isolated from samples. When an official sample was taken it may replace the sample required to be taken by the operator. Sampling protocol. For each flock* At least two pairs of boot/sock swabs shall be taken. All boot/sock swabs must be pooled into one sample. For free range broiler flocks, samples shall only be collected in the area inside the house. Before using the boot/sock swabs, their surface shall be moistened with deionised water, or sterile water or any other diluent approved by the national reference laboratory referred to in Article 11 of Regulation (EC) No 2160/2003. The use of farm water containing antimicrobials or additional disinfectants shall be prohibited. The recommended way to moisten boot swabs shall be to pour the liquid inside before putting them on. It shall be ensured that all sections in a house are represented in the sampling in a proportionate way and that at least 100 steps are taken with each pair of boot swabs. Each pair should cover about 50 % of the area of the house. On completion of sampling the boot/sock swabs shall be carefully removed so as not to dislodge adherent material. Boot swabs may be inverted to retain material. They shall be placed in a bag or pot and labelled to identify the flock sampled, and the date the samples were taken.

Diagnostic/analytical methods used

Meat production flocks: Before slaughter at farm

Bacteriological method: ISO 6579:2002

Vaccination policy

Meat production flocks

Live Salmonella vaccines are not used in the framework of national control programme where the manufacturer does not provide an appropriate method to distinguish bacteriological wild-type strains of salmonella from vaccine strains. Although vaccines against Salmonella are not currently used in turkeys.

Other preventive measures than vaccination in place

Meat production flocks

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

Control program/mechanisms

The control program/strategies in place

Meat production flocks

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

Measures in case of the positive findings or single cases

In case of suspicion or confirmation of Salmonella enteritidis or Salmonella typhimurium the NRL shall notify immediately the N.S.V.F.S. and local C.S.V.F.S.D..In case of suspicion of infection the local C.S.V.F.S.D. and the relevant authorities: - prohibited the movement of broilers- take additional samples for conformation of infectionWhen the turkeys are confirmed for the presence of Salmonella enteritidis or Salmonella typhimurium:1. Fresh meat from turkeys may be placed on the market on the condition that it meets the requirement of absence of Salmonella in 25 grams from the meat. 2. The requirement laid down in point 1 does not apply to fresh poultry meat destined for heat treatment or another treatment to eliminate salmonella in accordance with Community legislation on food hygiene. 3. The criterion laid down in point 1 does not apply to fresh poultry meat destined for industrial heat treatment or another treatment to eliminate salmonella in accordance with Community legislation on food hygieneWhen a turkey flock is suspected of being infected with Salmonella Enteritidis or Salmonella Typhimurium the flock will be investigated. The flock is suspected of being infected when S. Enteritidis or S. Typhimurium is isolated from a sample of faeces, or boot swabs, carried out privately or as required by either the operator or the Competent Authority as detailed in the Annex to Regulation (EC) No 1190/2012. Tissue/organs may be taken from birds as part of the investigation of clinical disease by the veterinarian; these cases will be discussed and additional follow up investigation carried out as appropriate, along with advice on Salmonella control.Competent Authority will notify the operator to clean and disinfect the building from which the infected flock originated. After cleaning and disinfecting of the building the operator may be required to take swabs from a number of sites in the building and submit them to an approved laboratory in view to be tested for Salmonella in order to check the efficiency of the hygiene measures taken. In cases where S. Enteritidis or S. Typhimurium was isolated the cleaning and disinfection may be checked by the Competent Authority or its agent. If the results of post-cleaning and disinfection monitoring of Salmonella are positive for S. Enteritidis or S. Typhimurium, the next crop (cycle) will be monitored under supervision of the Competent Authority or its agent. If Salmonella is isolated in this subsequent crop of birds the holding will be placed under official control; re-stocking of the house will be permitted only if the supervised post-cleaning and disinfection samples from the house are negative.For the purposes of establishing the progress towards the target if S. Enteritidis or S. Typhimurium is isolated from either an operator sample or an official sample the flock is classed as positive. A flock positive for a specific serotype will be recorded only once for that serotype.Operators with a flock which is positive for S. Enteritidis or S. Typhimurium will be contacted by the Competent Authority for advice on how to reduce or eliminate the Salmonella. Advice on the control of Salmonella in turkeys will be available from government experts on Salmonella control. Advice may include recommendations on management, cleaning and disinfection, pest control, biosecurity, monitoring, and the potential use of other aids in the control of Salmonella.

Notification system in place

A positive laboratory finding of Salmonella ssp in food stuff derived from poultry is followed by a notification by RASFF to all levels (central, regional and local).Then the all food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and detent under restrictions, till the results of salmonella serotyping come, and depending of the type of the Salmonella we apply different measures (general measures : effective cleaning and disinfection of the premises and equipment are carried out and monitoring too).

3.2 CAMPYLOBACTERIOSIS

3.2.1 General evaluation of the national situation

3.2.1.1 Thermophilic Campylobacter spp., unspecified - general evaluation

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

Meat from broilers and meat from turkey - fresh meat- surveillance- official sampling, in 2012 were tested 490 units from which 155 (31,63 %) were positive for Campylobacter spp.:- Campylobacter coli 84; - Campylobacter jejuni 66;- Campylobacter lari 5In 2013 were taken a total number of 84 samples of meat from broilers, in own check, in order to detect Campylobacter spp., from which 7 were positive.

3.2.2 Campylobacter in foodstuffs

3.2.2.1 Thermophilic Campylobacter spp., unspecified in food - Meat from broilers (Gallus gallus)

Monitoring system

Sampling strategy

At slaughterhouse and cutting plant

At meat processing plant

At retail

According with Romanian National Surveillance Programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated which is according with the provisions of Regulation 2005/2073/EC.

Frequency of the sampling

At retail

Other: Sampling takes place during the months may-december.

Type of specimen taken

At retail

Fresh meat

Methods of sampling (description of sampling techniques)

At retail

According with Romanian National Surveillance Programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority.

Definition of positive finding

At retail

According to the Romanian Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority.

Diagnostic/analytical methods used

At retail

ISO 10272 - 1 /2006

Control program/mechanisms

The control program/strategies in place

The Romanian Control Programme is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated.

Notification system in place

Results of the investigation

In 2012, meat from broilers - fresh meat- surveillance- were tested 466 units from which 150 (32,18 %) were positive for Campylobacter spp.:- Campylobacter coli 81; - Campylobacter jejuni 64;- Campylobacter lari 5In 2013 were taken a total number of 84 samples of meat from broiler, in own check , in order to detect Campylobacter, from which 7 were positive.

Additional information

3.2.3 Campylobacter in animals

3.2.3.1 Thermophilic Campylobacter spp., unspecified in animal - Gallus gallus (fowl)

Monitoring system

Sampling strategy

No national surveys were carried out in poultry on farm in 2012. Data are derivedfrom samples taken for various reasons.No national surveys were carried out in poultry on farm in 2013.

Frequency of the sampling

Rearing period

Other: Voluntary sampling

Before slaughter at farm

Other: Voluntary sampling

At slaughter

Other: Voluntary sampling

Type of specimen taken

Rearing period

Other: Cecum samples.

Before slaughter at farm

Other: Cecum samples.

At slaughter

Other: Cecum samples.

Methods of sampling (description of sampling techniques)

At slaughter

Case definition

Rearing period

Campylobacter identified in the sample.

Before slaughter at farm

Campylobacter identified in the sample.

At slaughter

Campylobacter identified in the sample.

Diagnostic/analytical methods used

Rearing period

Other: Bacteriological method: modified ISO 10272-1:2006, OIE Manual.

Before slaughter at farm

Other: Bacteriological method: modified ISO 10272-1:2006, OIE Manual.

At slaughter

Other: Bacteriological method: modified ISO 10272-1:2006,

3.3 LISTERIOSIS

3.3.1 General evaluation of the national situation

3.3.1.1 Listeria - general evaluation

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

The Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated which is according with the provisions of Regulation 2005/2073/EC.In 2011, 54 strains of Listeria monocytogenes were isolated, from which 11 strains were isolated from milk and dairy products (cheeses and dairy products) and 44 strains were isolated from other foods (meat, meat preparation, minced meat, snails, fish, and other processed food products and prepared dishes).In 2012, 38 strains of Listeria monocytogenes were isolated, of which 2 strains were isolated from milk and dairy products (cheeses) and 36 strains were isolated from other foods (fresh meat, meat products, meat preparation, minced meat, other processed food products and prepared dishes).In 2012 it was observed a decrease of the strains isolated for milk and dairy products and also for other foods, compared with 2011.In 2013, 47 strains of Listeria monocytogenes were isolated, of which 1 strains were isolated from milk and dairy products (cheeses) and 46 strains were isolated from other foods (fresh meat, meat products, meat preparation, minced meat, other processed food products and prepared dishes).It was observed an increase of the strains isolated for from other foods, in 2013 compared with 2012.

Additional information

3.3.2 Listeria in foodstuffs

3.3.2.1 Listeria in food

Monitoring system

Frequency of the sampling

At retail

Sampling takes place during their shelf-life

Type of specimen taken

At retail

Ready-to-eat food placed on the market during their shelf-life

Diagnostic/analytical methods used

At the production plant

Bacteriological method: EN ISO 11290-1

At retail

Bacteriological method: EN ISO 11290-2

Control program/mechanisms

The control program/strategies in place

The Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012, yearly updated which is according with the provisions of Regulation 2005/2073/EC.

Measures in case of the positive findings or single cases

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

Notification system in place

Rapid Alert System for Food and Feed.

Results of the investigation

In 2013, 47 strains of Listeria monocytogenes were isolated, from 27 positive samples, out of them:- 1 strain from 1 sample cheeses made from sheeps milk - 1 strain from 1 sample meat from sheep - meat preparation - 1 strain from 1 sample meat from tutkey - meat preparation - 5 strains from 1 sample meat from pig - meat products- 1 strain from 1 sample meat from bovine animals- 11 strains from 3 samples fish and fishery products- 12 strains from 8 samples meat, mixed meat- 4 strains from 2 samples snails- 11 strains from 9 samples other food (processed food products and prepared dishes).

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

In 2011, 54 strains of Listeria monocytogenes were isolated, of which 11 strains were isolated from milk and dairy products (cheeses and dairy products) and 44 strains were isolated from other foods (meat, meat preparation, minced meat, snails, fish, and other processed food products and prepared dishes).In 2012, 38 strains of Listeria monocytogenes were isolated, of which 2 strains were isolated from milk and dairy products (cheeses) and 36 strains were isolated from other foods (fresh meat, meat products, meat preparation, minced meat, other processed food products and prepared dishes).

3.4 E. COLI INFECTIONS

3.4.1 General evaluation of the national situation

3.4.1.1 Verotoxigenic E. coli (VTEC) - general evaluation

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

In 2012 - 446 samples were tested , which from : 203 was carcase swabs, 121 bovine minced meat, 85 mixet meat- meat preparation - from bovine and sheep , 37 mixet meat- minced meat - from bovine and sheep. There were no positive samples for Escherichia coli STEC.

Additional information

Analytical method used was: Escherichia coli O157. ISO/TS 13136:2012 - Microbiology of food and animal feed -Real-time polymerase chain reaction (PCR)-based method for the detection of food-borne pathogens - Horizontal method for the detection of Shiga toxin-producing Escherichia coli (STEC) and the determination of O157, O111, O26, O103 and O145 serogroups.

3.4.2 Escherichia coli, pathogenic in animals

3.4.2.1 Verotoxigenic E. coli (VTEC) in animal - Cattle (bovine animals)

Monitoring system

Sampling strategy

Frequency of the sampling

Animals at slaughter (herd based approach)

Type of specimen taken

Methods of sampling (description of sampling techniques)

Case definition

Diagnostic/analytical methods used

Additional information

3.5 YERSINIOSIS

3.5.1 General evaluation of the national situation

3.5.1.1 Yersinia - general evaluation

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

3.5.2 Yersinia in animals

3.5.2.1 Yersinia in animal - Pigs

Monitoring system

Sampling strategy

Animals at slaughter (herd based approach)

In 2011 were taken a total number of 9 samples of meat from pigs at processing plant, in own check , in order to detect Yersinia enterocolitica. There were found no positive samples for Yersinia enterocolitica. In 2012 no samples were analysed for Yersinia enterocolitica.In 2013 no samples were analysed for Yersinia enterocolitica.

Frequency of the sampling

Animals at slaughter (herd based approach)

Other: ____

Type of specimen taken

Animals at slaughter (herd based approach)

Diagnostic/analytical methods used

Animals at farm

Animals at slaughter (herd based approach)

Bacteriological method: ISO 10273:2003

Control program/mechanisms

The control program/strategies in place

Additional information

3.6 TRICHINELLOSIS

3.6.1 General evaluation of the national situation

3.6.1.1 Trichinella - general evaluation

History of the disease and/or infection in the country

Romania does not have any regions or holdings official free of trichinelosis.Trichinella spp. is detected in pigs belonging to the small holdings (individual backyards), bears, wild boars.

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

In 2010 were detected 140 positive cases in fattening pigs not raised under controlled housing conditions, 67 positive cases in wild boars, 9 positive cases in bears and 1 positive case in domestic solipedes (horses).In 2011 were detected 369 positive cases from which: 259 cases in fattening pigs not raised under controlled housing conditions, 5 cases in fattening pigs raised under controlled housing conditions, 92 cases in wild boars, 12 cases in bears and 1 positive case in domestic solipedes (horses).In 2011 it was observed an increase of the percent of positive cases for all the species, compared with 2010 (217 positive cases in 2010 and 369 positive cases in 2011, an increase with 70%).The prevalence of positive cases of pigs raised in backyards was 0.11% in 2011. During the year 2012, in Romania were detected a total number of 287 positive cases of Trichinella spp from which:- 171 positive cases in fattening pigs from backyards (not raised under controlled housing conditions); - 107 positive cases in wild boars,- 9 positive cases in bears.During the year 2013, in Romania were detected a total number of 361 positive cases of Trichinella spp from which:- 193 positive cases in fattening pigs from backyards (not raised under controlled housing conditions); - 148 positive cases in wild boars,- 20 positive cases in bears.In 2013 it was observed an increase of the percent of positive cases for all the species, compared with 2012 (287 positive cases in 2012 and 361 positive cases in 2013 , an increase with 25,8%).The prevalence of positive cases of pigs raised in backyards was 0,16% in 2013.

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

The main source of infection in humans with Trichinella spp. was pork meat (raw meat or low treated products made in household with pork meat from pigs raised in backyards).

Recent actions taken to control the zoonoses

The Romanian National Surveillance Programme of Zoonoses on 2013 was issued according with the provisions of Regulation 2005/2075/EC in order to control the Trichinelosis.

3.6.2 Trichinella in animals

3.6.2.1 Trichinella in animal - Solipeds, domestic - horses

Monitoring system

Sampling strategy

Sampling is compulsory for all slaughtered horses, intended to human consumption, in order to detect Trichinella spp.According to the provisions of Regulation 2075/2005 all the analysis are performed only by artificial digestion methods.

Sampling strategy

For categories of holdings officially recognised Trichinella-free

Sampling is compulsory for all slaughtered horses, intended to human consumption, in order to detect Trichinella spp.The analysis is performed only by artificial digestion method, for each horse carcass at slaughterhouse.

Frequency of the sampling

Each horse carcass at slaughterhouse is analyzed .

Type of specimen taken

The lingual or jaw muscle. In the case of horses, where those muscles are missing, a larger-sized specimen is taken from a pillar of the diaphragm at the transition to the sinewy part.

Methods of sampling (description of sampling techniques)

Specimens weighing at least 15 g are taken from the lingual or jaw muscle according to provisions of Regulation 2075/2005.

Case definition

Diagnostic/analytical methods used

Artificial digestion.

Control program/mechanisms

The control program/strategies in place

The Romanian National Surveillance Programme of Zoonoses is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated which is according with the provisions of Regulation 2005/2075/EC, in order to detect Trichinella spp.

Measures in case of the positive findings or single cases

A positive laboratory finding of Trichinella spp is followed by a notification by RASFF to all levels (central, regional and local).The positive horse meat have to be withdrawn from human consummation and be send to ABP units.

Notification system in place

Rapid Alert System for Food and Feed

Results of the investigation including the origin of the positive animals

There were analyzed 19988 samples from horses and no positive samples were detected.

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

Between 2007-2009 no positive samples were detected. Between 2010-2011 positive samples were detected, in the north of the country: in 2010 - 1 positive sample was detected and in 2011 the same .In 2012 no positive samples were detected.In 2013 no positive samples were detected.

3.6.2.2 Trichinella in animal - Pigs

Monitoring system

Sampling strategy

General

Sampling is compulsory for all pigs slaughtered, intended to human consumption.

For categories of holdings officially recognised Trichinella-free

For regions with negligible Trichinella risk

Frequency of the sampling

General

The sampling is compulsory performed for all pigs slaughtered and intended for human consumption, in order to detect Trichinella spp. according to the provisions of Regulation 2005/2075/EC.

For Trichinella free holdings

Type of specimen taken

General

Diaphragm pillars. In the absence of diaphragm pillars, the follwing specimens are taken: the rib part or the breastbone part of the diaphragm, the jaw muscles, tongue or abdominal muscles.

Methods of sampling (description of sampling techniques)

General

According with the provisions of Regulation 2005/2075/EC, in order to detect Trichinella spp.

Case definition

For Trichinella free holdings

Not available

For categories of holdings officially recognised Trichinella-free

Not available

For regions with negligible Trichinella risk

Not available

Diagnostic/analytical methods used

General

Artificial digestion methods on individual samples and/or on pooled samples.

Officially recognised regions with negligible Trichinella risk

Not available

Number of officially recognised Trichinella-free holdings

Not available

Categories of holdings officially recognised Trichinella-free

Not available

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Programme is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated which is according with the provisions of Regulation 2005/2075/EC, in order to detect Trichinella spp.

Notification system in place

Rapid Alert System for Food and Feed.

Preventive measures in place

Sampling is compulsory for all pigs slaughtered in order to detect Trichinella spp. and to avoid human trichinelosis.

Measures in case of the positive findings or single cases

Pig meat infested with Trichinella spp. is withdrawn from human consumption and sent to the rendering establishments, in order to be denatured .

Results of the investigation including description of the positive cases and the verification of the Trichinella species

171 positive cases in fattening pigs from backyards were detected in 2012.Beside 2011, in 2012 for pigs raised in backyards was observed a decrease of percent of positive cases, with 33,97% in 2012. 193 positive cases in fattening pigs from backyards were detected in 2013.Beside 2012, in 2013 for pigs raised in backyards was observed an increase of percent of positive cases, with 12,90 % in 2013. All positive samples were sent to National Reference Laboratory for Trichinella which is in Institute of Hygiene and Veterinary Public Health. The NRL sent to the EU-RL-P to identify the species of Trichinella.

Results of the investigation including description of the positive cases and the verification of the Trichinella species

Fattening pigs raised under controlled housing conditions in integrated production system

No positive samples were detected in 2013

Fattening pigs not raised under controlled housing conditions in integrated production system

There were controlled 8632 samples from fattening animals and all the results were negative.

Breeding sows and boars

There were controlled 10045 samples from breeding animals and all the results were negative.

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

During the year 2010, in Romania were detected a total number of 140 positive cases of Trichinella spp in pigs. It was observed an decrease of percent of positive samples for pigs from backyards and for pigs raised under controlled housing conditions in integrated production system compared with 2009. During the year 2011, in Romania were detected a total number of 264 positive cases of Trichinella spp. in pigs. It was observed an increase of percent of positive samples for pigs from backyards and for pigs raised under controlled housing conditions in integrated production system compared with 2010. During the year 2012, in Romania were detected a total number of 171 positive cases of Trichinella spp. in pigs.It was observed a decrease of percent of positive samples for pigs from backyards compared with 2011. During the year 2013, in Romania were detected a total number of 193 positive cases of Trichinella spp. in pigs from backyards, from which:- 0 positive cases from 3768855 analyzed samples of meat from fattening pigs raised under controlled housing conditions in integrated production system.- 0 positive cases from 8632 analyzed samples of meat from fattening pigs not raised under controlled housing conditions in integrated production system.- 193 positive cases from 122228 analyzed samples of meat from fattening pigs raised in backyards - non raised under controlled housing conditions in integrated production system. Out of 193 positive cases, were identified: 139 Trichinella spiralis, 11 Trichinella britovi and 43 Trichinella spp. unspecified (PCR did not show any amplification). It was observed an increase of percent of positive samples for pigs from backyards compared with 2012.

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

In 2013 all cases of trichinellosis detected to humans are related to the positive cases registered in backyards.

The contingency plan in place

Additional information

3.7 ECHINOCOCCOSIS

3.7.1 General evaluation of the national situation

3.7.1.1 Echinococcus - general evaluation

History of the disease and/or infection in the country

Testing for detection of Echinococcus is a part of post-mortem inspection of slaughtered animals. It is a visual inspection of the internal organs of the slaughtered animals acompanied by cuts of liver if is necessary. The Echinococcus is not routinely distinguished by species.

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

Analysis the situation after 2007 in inspected carcasses in slaughter houses shows on the decreasing of cases.The monitoring program for Echinococcosis in the dogs was introduced in the year 2007.The samples are taken from stray dogs. Were tested 19136 samples for echinococcosis, 77 were positive for Echinococcus spp.In the period 2007-2008 were tested 16784 samples from dogs for echinococcosis, 28 samples were positive for Echinococcus spp.In the year 2009 were tested 2352 samples from dogs for echinococcosis, 49 samples were positive for Echinococcus spp. In the year 2010 were tested 809 samples from dogs for echinococcosis by ELISA coproantigen test and two of them were positive for Echinococcus spp.In 2011 were tested 5262 samples from dogs by ELISA coproantigen. From them 121 samples were positive for Echinococcuss spp.In 2012 were tested 5119 samples from dogs by ELISA coproantigen, From them 9 samples were positive for Echinococcus spp.In 2013 were tested 3267 samples from dogs by ELISA coproantigen, From them 159 samples were positive for Echinococcus spp.+

Recent actions taken to control the zoonoses

In 2013 it was introduced PCR technique for identification the Echinococcus granulosus species on intermediate hosts.Were tested 82 samples from sheep, goats, cattle and pigs by PCR technique for identification the Echinococcus granulosus species . All samples were positive for Echinococcus granulosus.

Suggestions to the European Union for the actions to be taken

Additional information

3.8 RABIES

3.8.1 General evaluation of the national situation

3.8.1.1 Lyssavirus (rabies) - general evaluation

History of the disease and/or infection in the country

Romania, in the past, was one of the countries with the highest number of rabies cases from Europe. Starting with 1950, following the measures applied, including immune- prophylaxis, rabies became preponderantly limited to wild carnivores, especially foxes. Rabies was diagnosed sporadically in the population of wild animals, other than foxes, its occurrence not being dependent of the existence of infected foxes in the relevant area.In the last years in domestic and wild animals were diagnosed more cases, so it can be appreciated that rabies is an endemic disease with increasing evolutional tendencies.It must be added, that the Danube Delta is a particular area, protected under the Administration of Biospheres Reservation, where beside the fox population and other wild animals, are also living domestic animals in a semi wild condition.

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

Romania is now one of the countries with the highers number of rabies cases in Europe. Rabies in foxes is endemic for many years. - rabies evoluated in Romania both in wild animals population, particularly in foxes and in domestic animals population;-rabies has an endemic evolution in foxes and sporadic in other animals; -lately we assist to the growth of the number of counties in which rabies was diagnosed, so as in 2012, of 41 counties, the disease was diagnosed;-most of rabies cases in domestic animals were registered in dogs and cats; -an important number of cases were also registered in the bovine populations;-the Danube Delta having a particular biotope, where wild animals cohabit with domestic animals, can be regionalized; In 2012, were tested by FAT 3356 samples, of which 448 samples were find positive.In 2013, were tested by FAT 2898 samples, of which 402 samples were find positive.

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

If an infected animal (e.g. fox or dog) has had contact with the ruminants, equines and pigs, the veterinarians it is obliged to investigate the whole herd to find out whether certain animals were bitten. These animals are isolated immediately and placed under official observation; if any clinical signs of rabies appears, they should be killed and then tested for confirmation of the diagnostic. Concerned the milk we refer to a statement of WHO Reference Laboratory on Rabies in Wusterhausen (Germany): milk that has been heat pasteurized poses no risk for rabies virus transmission (but NO milk from a rabid animal should be used for human or animal consumption).In our country have not been reported cases of rabies in humans after consumption of animals confirmed with rabies or susceptible or consumption of these products.

Recent actions taken to control the zoonoses

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

Suggestions to the European Union for the actions to be taken

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

Additional information

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

3.8.2 Lyssavirus (rabies) in animals

3.8.2.1 EBLV-1 in animal - All animals - NOT AVAILABLE - Survey

Monitoring system

Frequency of the sampling

There is no actual monitoring of bats-wild.

Type of specimen taken

Organs/tissues: brain samples

Case definition

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

3.8.2.2 Lyssavirus (rabies) in animal - Dogs

Monitoring system

Sampling strategy

Confirmation of rabies diagnosis is established only by laboratory tests on samples taken (brain) from dogs that died or were killed due to clinical signs of disease (nervous signs)Samples for laboratory tests if suspicion of rabies - the entire bodies of the dog- are packaged properly so as to avoid any leakage of fluids.Transport is carried out in refrigerated containers, within 24 hours in winter time and 12 hours in summer time, labeled "biological samples with a high risk of contamination - WARNING RABIES". If the samples are not sent to the laboratory in time, they are frozen.

Frequency of the sampling

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

Type of specimen taken

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

Methods of sampling (description of sampling techniques)

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

Case definition

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

Diagnostic/analytical methods used

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

Vaccination policy

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

Other preventive measures than vaccination in place

The administration of the counties should build shelters for stray dogs, according to national legislation

Control program/mechanisms

The control program/strategies in place

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

Recent actions taken to control the zoonoses

Suggestions to the European Union for the actions to be taken

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

Measures in case of the positive findings or single cases

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

Notification system in place

Rabies is a notifiable disease from local to central level, in accordance with the NSVFSA President Order no.79/2008 for the approval of the sanitary veterinary Norm on notifying animal diseases, represents the official transposition of the Council Directive 1982/894/CE regarding the notification of animal diseases.The obligativity of disease notification comes to the free practice empowered practitioners which notify the official veterinarian about the rabies suspicions in the field. Rabies suspicion is notified from the field to SVFSD, and samples are sent to the county sanitary veterinary laboratory accredited and authorized for diagnosis. The official vet responsible with animal health from CSVFSD, notifies the suspicion by a rapid communication mean to the director of Animal Health and Welfare Directorate fromNSVFSA and also by using a notification report form, to NSVFSA all suspected cases of rabies.Following to laboratory confirmation of rabies, the county SVFSD and of the BucharestMunicipality, will notify, using a notification report form, to NSVFSA all confirmed cases ofrabies.If rabies is confirmed in a domestic animal, the owner is also notified and a complete file isissued in view of applying the control measures, if necessary.The situation concerning rabies cases is notified twice/ year to OIE, and quarterly to the European Institute for Rabies Control.

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

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

Results of the investigation

Investigations of the human contacts with positive cases

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

3.9 Q-FEVER

3.9.1 General evaluation of the national situation

3.9.1.1 Coxiella (Q-fever) - general evaluation

History of the disease and/or infection in the country

The surveillance is made according with the Order of the President of the National Sanitary Veterinary and Food Safety Authority no. 43/2012.Testing is performed only on clinical suspicion in case of abortions of ruminants.The active surveillance is made by CFT (Complement Fixation Test) or ELISA of all bovine, sheep and goats in case of abortions with unspecified diagnostic on blood samples harvest after 14-21 days. This surveillance is made on the suspicion of the disease through serological, bacteriological and morfo-pathological exams. On lymph nodes, liver, lung, kidney,placental and myocardium tissue are made morpho-pathological and necropsy exams by Romanowsky-Giemsa or Lillie-Pasternack method. A. For confirmation of bovine livestock:1 - The PCR samples for testing purposes as follows:I) From minimum six cattle (three multiparous and three primiparous) , from the number of cattle that have aborted after 15 days and less than four months ago. It will be taken blood samples for serological testing by ELISA (using preferable antigen prepared from Coxiella isolates obtained from ruminates)ii) From the bovine with breeding affections (placental retention, metritis) expressed in the last four months. It will be taken blood samples for serologic testing by ELISA (using preferable antigen prepared from Coxiella isolates optained from ruminates for reaching a number of six tested animals)2 - From the animals which do not have breeding problems it will be taken blood sampled and examined serologically by ELISA (using preferable antigen prepared from Coxiella isolates obtained from ruminates for reaching a number of six tested animals).B. For confirmation of small ruminant livestock:1. From a total of 2 to 6 samples from taken from goats and sheep that have aborted in the last eight days. It will be taken vaginal swab, placental swab, or aborted material for PCR examination.Will perform two PCR tests on individual samples or two samples are composed of more than two animals tested.2. In case when only one sample is available for PCR examination or one of two samples analyzed by quantitative PCR, apply the following scheme:i) From goats and sheep that have aborted 15 days or three weeks ago it will be taken blood samples for serological examination by ELISA (using preferable antigen prepared from Coxiella isolates obtained from ruminates, for reaching minimum number of tested animals to ten, especially the aborted ones, if possible five or bigger number).ii) From goats and sheep that gave birth prematurely 15 days or three months ago, it will be taken blood samples for serological examination by ELISA (using preferable antigen prepared from Coxiella isolates obtained from ruminates, for reaching minimum number of tested animals to ten, especially the aborted ones, if possible five or bigger number)iii) From sheep and goats from the same herd which do not present breeding affections three months ago after giving birth, it will be taken blood samples for serological examination by ELISA (using preferable antigen prepared from Coxiella isolates obtained from ruminates, for reaching minimum number of tested animals to ten, especially the aborted ones, if possible five or bigger number).

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

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

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

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

Recent actions taken to control the zoonoses

The following measures could be used in the prevention and control of Q fever:Public education and information on sources of infection giving advice to high risk persons, especially with preexisting cardiac valvular disease or individuals with vascular grafts and pregnant women restrict access to barns and laboratories used in housing potentially infected animals quarantine aborted animals appropriately disposal of placenta, birth products, fetal membranes, and aborted fetuses use only pasteurized milk and milk products infectedholding facilities should be located away from populated areas. Measures should be implemented to prevent airflow to other occupied areas

Additional information

3.10 WEST NILE VIRUS INFECTIONS

3.10.1 West Nile Virus in animals

3.10.1.1 West Nile Virus in animal

Monitoring system

Sampling strategy

For 2013, the strategy involved sampling from horses in three villages from two counties (Constanta and Braila) where IgM conversions were found in 2011, and, subsequently official notification was sent to O.I.E. The strategy was the same as in 2012.

Frequency of the sampling

Samples were taken in June, August and October.

Type of specimen taken

Serum

Case definition

Case means an individual animal infected by a pathogenic agent, with or without clinical signs (O.I.E. Terrestrial Animal Heath Code)

Diagnostic/analytical methods used

West Nile IgM sandwhich ELISA

Vaccination policy

No vaccination

Other preventive measures than vaccination in place

No other measures

Control program/mechanisms

The control program/strategies in place

No control program/strategy

Recent actions taken to control the zoonoses

No recent action

Measures in case of the positive findings or single cases

No measures

Notification system in place

National notification system

Results of the investigation

All samples were negative.

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

No viral circulation was present in those areas, during 2013.

3.11 TOXOPLASMA

3.11.1 General evaluation of the national situation

3.11.1.1 Toxoplasma - general evaluation

Recent actions taken to control the zoonoses

The surveillance is made according with the Order of the President of the National Sanitary Veterinary and Food Safety Authority no.34/2006 with subsequent amendments. Surveillance by serological (ELISA, CFT, IFI) and other laboratory tests on samples taken from species susceptible, depending on the epidemiological situation or of the animal owner request.

Additional information

For cats and dogs a Serological surveillance is done on the owner request (in special in case of pregnant women owner of cats and dogs).

4 ANTIMICROBIAL RESISTANCE INFORMATION ON SPECIFIC ZOONOSES AND ZOONOTIC AGENTS

4.1 SALMONELLOSIS

4.1.1 Salmonella in foodstuffs

4.1.1.1 Antimicrobial resistance in Salmonella Meat from bovine animals

Sampling strategy used in monitoring

Frequency of the sampling

Methods of sampling (description of sampling techniques)

According to the provisions of the Order of President of National Sanitary Veterinary and Food Safety Authority no.34/2006, transposing into Romanian legislation the Directive 2003/99/EC, all the Salmonella spp. strains isolated in foodstuffs derived from products of animal origin were compulsory tested for the antimicrobial resistance.

Methods used for collecting data

Isolates from regional laboratories (Sanitary Veterinary and for Food Safety Laboratories) were collected and serotyped at the Institute of Hygiene and Veterinary Public Health. Antimicrobial resistance data is collected in Institute of Hygiene and Veterinary Public Health.

Laboratory methodology used for identification of the microbial isolates

Bacteriological method: EN ISO 6579

Laboratory used for detection for resistance

Antimicrobials included in monitoring

The method used for detection of the microbial resistance is broth microdilution; testing and quality control were performed according to CLSI (Clinical and Laboratory Standards Institute) documents and standards. Antimicrobials used were: Chloramphenicol, Tetracycline, Ciprofloxacin, Nalidixic acid, Trimethoprim, Streptomycin, Gentamicin, Cefotaxim, Sulfamethoxazol and Ampicilin.

Cut-off values used in testing

The breakpoints used are those listed in CLSI

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Programme is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013), yearly updated.

Measures in case of the positive findings or single cases

A positive laboratory finding of Salmonella spp. is followed by a notification by RASFF to all levels (central, regional and local). Then the all food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and reserved under restrictions, untill the results of serotyping are ready and depending of the type of the Salmonella different measures are applied (general measures: effective cleaning and disinfection of the premises and equipment are carried out and monitoring too).

Notification system in place

Laboratory has to notify the positive result to the regional and central authority and the regional authority notify the food business operator.

Results of the investigation

4.1.1.2 Antimicrobial resistance in Salmonella Meat from pig

Sampling strategy used in monitoring

Methods of sampling (description of sampling techniques)

According to the provisions of the Order of President of National Sanitary Veterinary and Food Safety Authority no.34/2006, transposing into Romanian legislation the Directive 2003/99/EC, all the Salmonella spp. strains isolated in foodstuffs derived from products of animal origin were compulsory tested for the antimicrobial resistance.

Methods used for collecting data

Isolates from regional laboratories (Sanitary Veterinary and for Food Safety Laboratories) are collected and serotyped at the Institute of Hygiene and Veterinary Public Health. Antimicrobial resistance data is collected in Institute of Hygiene and Veterinary Public Health.

Laboratory methodology used for identification of the microbial isolates

Bacteriological method: EN ISO 6579

Laboratory used for detection for resistance

Antimicrobials included in monitoring

The method used for detection of the microbial resistance is broth microdilution; testing and quality control were performed according to CLSI (Clinical and Laboratory Standards Institute) documents and standards. Antimicrobials used were: Chloramphenicol, Tetracycline, Ciprofloxacin, Nalidixic acid, Trimethoprim, Streptomycin, Gentamicin, Cefotaxim, Sulfamethoxazol and Ampicilin.

Cut-off values used in testing

The breakpoints used are those listed in CLSI

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Programme is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013), yearly updated.

Measures in case of the positive findings or single cases

A positive laboratory finding of Salmonella spp. is followed by a notification by RASFF to all levels (central, regional and local). Then the all food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and reserved under restrictions, until the results of serotyping are ready and depending of the type of the Salmonella different measures are applied (general measures : effective cleaning and disinfection of the premises and equipment are carried out and monitoring too).

Notification system in place

Laboratory has to notify the positive result to the regional and central authority and the regional authority notify the food business operator.

Results of the investigation

4.1.1.3 Antimicrobial resistance in Salmonella Meat from poultry, unspecified

Sampling strategy used in monitoring

Methods of sampling (description of sampling techniques)

According to the provisions of the Order of President of National Sanitary Veterinary and Food Safety Authority no.34/2006, transposing into Romanian legislation the Directive 2003/99/EC, all the Salmonella spp. strains isolated in foodstuffs derived from products of animal origin were compulsory tested for the antimicrobial resistance.

Methods used for collecting data

Isolates from regional laboratories (Sanitary Veterinary and for Food Safety Laboratories) are collected and serotyped at the Institute of Hygiene and Veterinary Public Health. Antimicrobial resistance data is collected in Institute of Hygiene and Veterinary Public Health.

Laboratory methodology used for identification of the microbial isolates

Bacteriological method: EN ISO 6579

Laboratory used for detection for resistance

Antimicrobials included in monitoring

The method used for detection of the microbial resistance is broth microdilution; testing and quality control were performed according to CLSI (Clinical and Laboratory Standards Institute) documents and standards. Antimicrobials used were: Chloramphenicol, Tetracycline, Ciprofloxacin, Nalidixic acid, Trimethoprim, Streptomycin, Gentamicin, Cefotaxim, Sulfamethoxazol and Ampicilin.

Cut-off values used in testing

The breakpoints used are those listed in CLSI

Control program/mechanisms

The control program/strategies in place

The Romanian Surveillance Programme is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 (also the Order was applicable for 2013), yearly updated.

Measures in case of the positive findings or single cases

A positive laboratory finding of Salmonella spp. is followed by a notification by RASFF to all levels (central, regional and local). Then the all food chain is controlled in order to identify the origin of the contamination, if it is possible. The contaminated products are traced back and reserved under restrictions, until the results of serotyping are ready and depending of the type of the Salmonella different measures are applied (general measures : effective cleaning and disinfection of the premises and equipment are carried out and monitoring too).

Notification system in place

Laboratory has to notify the positive result to the regional and central authority and the regional authority notify the food business operator.

Results of the investigation

4.1.2 Salmonella in animals

4.1.2.1 Antimicrobial resistance in Salmonella Cattle (bovine animals)

Sampling strategy used in monitoring

Frequency of the sampling

Type of specimen taken

In cattle all of the isolates were derived from samples taken for diagnostic purposes.

Methods of sampling (description of sampling techniques)

Voluntary sampling.

Procedures for the selection of isolates for antimicrobial testing

All isolates are tested.

Methods used for collecting data

Isolates were collected from regional laboratories (County Sanitary Veterinary and Food Safety Directorate CSVFSD) at Institute for Diagnosis and Animal Health (IDAH) and serotyped in the NRL Salmonella. Antimicrobial resistance testing is performed in the NRL.

Laboratory methodology used for identification of the microbial isolates

Bacteriological method: SR EN ISO 6579/2003 A1:2007, OIE Manual.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Susceptibility to tetracyclines, amphenicols, betalactams, quinolones,aminoglycosides and sulfonamides is studied, using broth microdilution method, according to ISO 20776-1:2006.

Cut-off values used in testing

The breakpoints used in testing are those recommended by the CLSI (M100, M31) and EURL-AR.

Preventive measures in place

Control program/mechanisms

The control program/strategies in place

Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012, published in Romanian Official Journal.

Recent actions taken to control the zoonoses

Suggestions to the European Union for the actions to be taken

Measures in case of the positive findings or single cases

Notification system in place

Results of the investigation

2009 - 3 strains of Salmonella were tested for antimicrobial resistance.2010 - one strain of Salmonella was tested for antimicrobial resistance.2011 - there was no strain isolated.2012 - there was no strain isolated.2013 - one strain of Salmonella was tested for antimicrobial resistance.

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

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

Additional information

4.1.2.2 Antimicrobial resistance in Salmonella Pigs

Sampling strategy used in monitoring

Frequency of the sampling

Type of specimen taken

In pigs all of the isolates were derived from samples taken for diagnosticpurposes.

Methods of sampling (description of sampling techniques)

Voluntary sampling.

Procedures for the selection of isolates for antimicrobial testing

All isolates are tested.

Methods used for collecting data

Isolates were collected from regional laboratories (County Sanitary Veterinary and Food Safety Directorate CSVFSD) at Institute for Diagnosis and Animal Health and serotyped in the NRL Salmonella. Antimicrobial resistance testing is performed in the NRL.

Laboratory methodology used for identification of the microbial isolates

Bacteriological method: SR EN ISO 6579/2003 A1:2007, OIE Manual

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Susceptibility to tetracyclines, amphenicols, betalactams, quinolones,aminoglycosides and sulfonamides is studied, using broth microdilution method, according to ISO 20776-1:2006.

Cut-off values used in testing

The breakpoints used in testing are those recommended by the CLSI (M100, M31) and EURL-AR.

Control program/mechanisms

The control program/strategies in place

Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012, published in Romanian Official Journal.

Results of the investigation

2009 - There were tested 141 strains of Salmonella for antimicrobial resistance.2010 - 129 strains of Salmonella were tested for antimicrobial resistance.2011 - 41 strains of Salmonella were tested for antimicrobial resistance.2012 - 9 strains of Salmonella were tested for antimicrobial resistance.2013 - 14 strains of Salmonella were tested for antimicrobial resistance.

4.1.2.3 Antimicrobial resistance in Salmonella Poultry, unspecified

Sampling strategy used in monitoring

Frequency of the sampling

Type of specimen taken

In poultry most of the isolates were derived from samples taken for monitoring purposes on farms.See Salmonella spp. in Gallus gallus (breeding flocks, broiler flocks and flocks of laying hens also) and turkey .

Methods of sampling (description of sampling techniques)

See Salmonella spp. in Gallus gallus (breeding flocks, broiler flocks and flocks of laying hens also) and turkey .

Procedures for the selection of isolates for antimicrobial testing

All isolates are tested.

Methods used for collecting data

Isolates were collected from regional laboratories (County Sanitary Veterinary and Food Safety Directorate CSVFSD) at Institute for Diagnosis and Animal Health and serotyped in the NRL Salmonella. Antimicrobial resistance testing is performed in the NRL.

Laboratory methodology used for identification of the microbial isolates

Bacteriological method: SR EN ISO 6579/2003 A1:2007, OIE Manual.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Susceptibility to tetracyclines, amphenicols, betalactams, quinolones,aminoglycosides and sulfonamides is studied, using broth microdilution method, according to ISO 20776-1:2006.

Cut-off values used in testing

The breakpoints used in testing are those recommended by the CLSI (M100, M31) and EURL-AR.

Control program/mechanisms

The control program/strategies in place

Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012, published in Romanian Official Journal.

Results of the investigation

2009 - There were tested 538 strains of Salmonella for antimicrobial resistance.2010 - There were tested 673 strains of Salmonella for antimicrobial resistance.2011 - There were tested 1023 strains of Salmonella for antimicrobial resistance.2012 -There were tested 985 strains of Salmonella for antimicrobial resistance.2013 -There were tested 1244 strains of Salmonella for antimicrobial resistance.

4.2 CAMPYLOBACTERIOSIS

4.2.1 Campylobacter in foodstuffs

4.2.1.1 Antimicrobial resistance in Campylobacter jejuni and coli in foodstuff derived from Meat from poultry, unspecified

Sampling strategy used in monitoring

Methods of sampling (description of sampling techniques)

The Romanian Surveillance Programme is a national programme, published in Romanian Official Journalas Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 yearly updated which is according with the provisions of Order of the President of the National Sanitary Veterinary and Food Safety Authority, in order to observe the antimicrobial resistance.

Methods used for collecting data

Isolates were collected from regional laboratories Sanitary Veterinary and Food Safety (SVFSL) atInstitute of Hygiene and Veterinary Public Health (I.H.V.P.H.) Resistance data is done in Institute of Hygiene and Veterinary Public Health.

Laboratory methodology used for identification of the microbial isolates

The method used it is broth microdilution; testing were performed according to NCCLS document andquality control according to the NCCLS standards

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Antimicrobials used were: Gentamicin, Streptomycin, Ciprofloxacin, Erythromycin, Nalidixic acid, Tetracycline.

Cut-off values used in testing

The breakpoints used are those listed in NCCLS.

Measures in case of the positive findings or single cases

Meat from positive for Campylobacter spp. lots, were subjected to heat treatment before being consumed and were not imposed penalties and / or veterinary restrictions.

Results of the investigation

There were tested 5 strains of Campylobacter jejuni and 1 Campylobacter coli or antimicrobial resistance in foodstuff derived from poultry.

4.2.2 Campylobacter in animals

4.2.2.1 Antimicrobial resistance in Campylobacter jejuni and coli in Cattle (bovine animals)

Sampling strategy used in monitoring

Frequency of the sampling

4.2.2.2 Antimicrobial resistance in Campylobacter jejuni and coli in Poultry, unspecified

Sampling strategy used in monitoring

Frequency of the sampling

Voluntary sampling

Laboratory methodology used for identification of the microbial isolates

Bacteriological method: modified ISO 10272-1:2006, OIE Manual.

Type of specimen taken

Cecum samples.

Methods of sampling (description of sampling techniques)

Methods used for collecting data

Isolates were collected from regional laboratories (County Sanitary Veterinary and Food Safety Directorate CSVFSD) at Institute for Diagnosis and Animal Health (IDAH) and identified in the NRL Campylobacter. Antimicrobial resistance testing is performed in the NRL.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Susceptibility to tetracyclines, amphenicols, quinolones and aminoglycosides is studied, using microbroth dilution method, according to EURL-AR.

Cut-off values used in testing

The breakpoints used in testing are those recommended by EFSA in Dec 2007/516/EC and EURL-AR.

Preventive measures in place

Control program/mechanisms

The control program/strategies in place

Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012, published in Romanian Official Journal.

Measures in case of the positive findings or single cases

Results of the investigation

5 INFORMATION ON SPECIFIC MICROBIOLOGICAL AGENTS

5.1 CRONOBACTER

5.1.1 Cronobacter in foodstuffs

5.1.1.1 Cronobacter in food

Monitoring system

Definition of positive finding

Diagnostic/analytical methods used

ISO/TS 22964; in accordance with Regulation (EC), No 2073/2005 on microbiological criteria for foodstuffs.

Control program/mechanisms

The control program/strategies in place

Notification system in place

Results of the investigation

In 2011, 3 samples of infant formula were analyzed for Enterobacter sakazakii. In 2012 no samples were analysed for Cronobacter.In 2013 no samples were analysed for Cronobacter.

5.2 HISTAMINE

5.2.1 General evaluation of the national situation

5.2.1.1 Histamine - general evaluation

History of the disease and/or infection in the country

No relevant data

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

No relevant data

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

No relevant data

Recent actions taken to control the hazard

No relevant data

5.2.2 Histamine in foodstuffs

5.2.2.1 Histamine in food

Monitoring system

Methods of sampling (description of sampling techniques)

The samples were taken from the following fish species : Scombridae, Clupeidae, Engraulidae, Coryfenidae, Pomatomidae, Scombresosidae.

Definition of positive finding

For fishery products manufactured/prepared from fish species associated with a high amount of histidine are sampled 9 units from which 2 units may have the values between 100 mg/kg - 200 mg/kg.For fishery products which have undergone enzyme maturation treatment in brine, manufactured/prepared from fish species associated with a high amount of histidine are sampled 9 units from which 2 units may have the values between 200 mg/kg - 400 mg/kg.

Diagnostic/analytical methods used

HPLC AOAC JURNAL, vol.81, no. 5/1998

Control program/mechanisms

The control program/strategies in place

The Romanian Control Programme is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated which is according with the provisions of Regulation 2005/2073/EC (with subsequent amendments) in order to detect histamine.

Notification system in place

Rapid Alert System for Food and Feed.

Results of the investigation

In 2012, there were analyzed 155 samples from fish species and all samples had values less than 100 mg/kg. In 2013, there were analyzed 170 samples from fish species and all samples had values less than 100 mg/kg.

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

In 2012 no positive samples were detectedIn 2013 no positive samples were detected

5.3 STAPHYLOCOCCAL ENTEROTOXINS

5.3.1 Staphylococcal enterotoxins in foodstuffs

5.3.1.1 Staphylococcal enterotoxins in food

Monitoring system

Sampling strategy

Acoording to The Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority no 43/2012 yearly updated which is according with the provisions of Regulation 2005/2073/EC

Definition of positive finding

Diagnostic/analytical methods used

The screening European method from CRL.

Control program/mechanisms

The control program/strategies in place

The Romanian National Surveillance Programme published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority, yearly updated which is according with the provisions of Regulation 2005/2073/EC.

Notification system in place

Rapid Alert System for Food and Feed.

Results of the investigation

In 2012 were analyzed 186 samples and neither of them were found positive.In 2013 were analyzed 411 samples and one of them was found positive.

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

In 2011 were analyzed 51 samples, in 2012 were analyzed 186 samples; in both years, neither of these samples were found positive.In 2013 were analyzed 411 samples from which 1 was positive.

6 FOODBORNE OUTBREAKS

Foodborne outbreaks are incidences of two or more human cases of the same disease or infection where the cases are linked or are probably linked to the same food source. Situation, in which the observed human cases exceed the expected number of cases and where a same food source is suspected, is also indicative of a foodborne outbreak.

6.1 Outbreaks

6.1.1 Foodborne outbreaks

System in place for identification, epidemological investigations and reporting of foodborne outbreaks

Romanian National Programme for Surveillance of Zoonoses on 2011, Rapid Alert System for Food and Feed, National Sanitary Veterinary and Food Safety Authority Order no. 34/2006, which transposed Directive 2003/99/EC.The municipal public health authorities are responsible for detecting, preventing diseases related to food and water and for notifying to the other authorities involved. Ill perssons and the overall epidemiological investigation are the responsibilities of the regional authorities (public health and veterinary public health authorities).

Description of the types of outbreaks covered by the reporting:

During 2013 there were 20 outbreaks , 1 episode was weak-evidence and 19 episodes were with strong evidence, 442 people ill and 325 people hospitalized. The following results (table) include food borne outbreaks notified in the framework of mandatory notification.

National evaluation of the reported outbreaks in the country:

Trends in numbers of outbreaks and numbers of human cases involved

In 2010, a total number of 29 food borne outbreaks were reported; in 2011 a total number of 6 food borne outbreaks were reported, and in 2012 a total number of 10 food borne outbreaks were reported, under the mandatory notification system.In 2013 a total number of 20 food borne outbreaks were reported.The causative agent was confirmed in laboratory. The causative agent was identified based on epidemiological and laboratory findings.

Relevance of the different causative agents, food categories and the agent/food category combinations

The causative agent was isolated in the incriminated foodstuff or epidemiological suspected (table). Trichinella was the most frequently identified agent in food borne disease outbreaks.

Relevance of the different type of places of food production and preparation in outbreaks

Most of the outbreaks were reported to be linked to the private household and the most important factors contributing to food borne disease outbreaks reported were contamination from uncontrolled meat consumption.

Control measures or other actions taken to improve the situation

All the control measures are described in Romanian Surveillance Programme which is a national programme, published in Romanian Official Journal as Order of the President of the National Sanitary Veterinary and Food Safety Authority.

Additional information

ANIMAL POPULATION TABLES

Table Susceptible animal population

		Population			
Animal species	**Category of animals**	**holding**	**animal**	**slaughter animal (heads)**	**herd/flock**
Cattle (bovine animals)	Cattle (bovine animals) - calves (under 1 year) (not specified)		348,085		
	Cattle (bovine animals) - mixed herds		2,203,422		
	Cattle (bovine animals) (not specified)	604,372		124,347	
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks, unspecified (not specified)	50	2,040,063		383
	Gallus gallus (fowl) - broilers (not specified)	281	203,705,763	184,756,249	9,435
	Gallus gallus (fowl) - laying hens (not specified)	228	8,544,379		564
Goats	Goats - animals over 1 year		1,995,018		
	Goats - animals under 1 year		7,675		
	Goats (not specified)	95,784		3,658	
Pigs	Pigs (not specified)	649,960	4,357,415	3,251,425	
Sheep	Sheep - animals over 1 year		1,923,445		
	Sheep - animals under 1 year (lambs)		80,595		
	Sheep (not specified)	174,062		319,838	
Solipeds, domestic	Solipeds, domestic - horses		509,264	12,862	
Turkeys	Turkeys - fattening flocks (not specified)	9	1,336,722	1,268,436	260
Wild boars	Wild boars (not specified)		77,523	5,740	

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

Region	Total number of herds	Number of infected herds	Number of herds with status officially free	Number of animals positive in microbiological testing under investigations of suspect cases	Number of animals tested by microbiology under investigations of suspect cases	Number of animals positive to BST under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of animals serologically tested under investigations of suspect cases	Number of abortions due to Brucella abortus	Number of isolations of Brucella infections	Number of notified abortions whatever cause	Number of infected herds tested under surveillance by bulk milk	Number of animals or pools tested under surveillance by bulk milk	Number of herds tested under surveillance by bulk milk	Number of infected herds tested under surveillance	Number of animals tested under surveillance	Number of herds tested under surveillance	Total number of animals
Romania	619,591	0	619,591	0	1	0	2	0	0	0	0	57	0	55,452	436	0	1,335,064	619,155	2,287,215
Bihor	20,890	0	20,890	0	0	0	0	0	0	0	0	1	0	0	0	0	57,742	20,890	75,796
Bistrita-Nasaud	17,567	0	17,567	0	0	0	0	0	0	0	0	1	0	7,835	22	0	51,027	17,545	81,218
Cluj	14,622	0	14,622	0	0	0	0	0	0	0	0	0	0	3,544	41	0	39,264	14,581	69,826
Maramures	29,952	0	29,952	0	0	0	0	0	0	0	0	0	0	250	5	0	59,675	29,947	87,820
Satu Mare	11,795	0	11,795	0	0	0	0	0	0	0	0	3	0	0	0	0	29,115	11,795	47,745
Salaj	8,851	0	8,851	0	0	0	0	0	0	0	0	2	0	0	0	0	19,988	8,851	29,719
Alba	14,698	0	14,689	0	0	0	0	0	0	0	0	5	0	14,337	47	0	36,587	14,651	66,577
Brasov	10,079	0	10,079	0	0	0	0	0	0	0	0	0	0	0	0	0	46,458	10,979	64,190
Covasna	7,290	0	7,290	0	0	0	0	0	0	0	0	0	0	0	0	0	30,707	7,290	50,377
Harghita	16,315	0	16,315	0	0	0	0	0	0	0	0	0	0	0	0	0	53,703	16,315	88,467
Mures	12,421	0	12,421	0	0	0	0	0	0	0	0	1	0	3,799	53	0	42,519	12,368	86,269
Sibiu	5,834	0	5,834	0	0	0	0	0	0	0	0	1	0	1,710	33	0	23,075	5,801	44,044
Bacau	24,571	0	24,571	0	0	0	0	0	0	0	0	1	0	582	7	0	35,738	24,564	64,810
Botosani	30,460	0	30,460	0	0	0	0	0	0	0	0	1	0	22	22	0	61,977	30,438	109,912
Iasi	35,793	0	35,793	0	0	0	0	0	0	0	0	0	0	1,700	27	0	41,934	35,766	84,659
Neamt	27,520	0	27,520	0	0	0	0	0	0	0	0	1	0	2,828	17	0	47,258	27,503	89,972
Suceava	45,047	0	45,047	0	0	0	0	0	0	0	0	10	0	0	0	0	92,397	45,047	155,089
Vaslui	22,451	0	22,451	0	0	0	0	0	0	0	0	0	0	0	0	0	33,582	22,451	66,012
Braila	12,683	0	12,683	0	0	0	0	0	0	0	0	0	0	0	0	0	25,125	12,683	45,057
Buzau	20,009	0	20,009	0	0	0	0	0	0	0	0	0	0	2,378	10	0	35,195	19,999	57,348
Constanta	5,452	0	5,452	0	0	0	0	0	0	0	0	0	0	0	0	0	24,122	5,452	41,835
Galati	11,359	0	11,359	0	0	0	0	0	0	0	0	0	0	725	8	0	18,767	11,351	38,121
Tulcea	3,705	0	3,705	0	0	0	0	0	0	0	0	2	0	0	0	0	18,304	3,705	38,891
Vrancea	14,441	0	14,441	0	0	0	0	0	0	0	0	3	0	852	7	0	29,807	14,434	60,617
Arges	26,305	0	26,305	0	0	0	0	0	0	0	0	0	0	720	2	0	43,226	26,303	58,083
Calarasi	4,136	0	4,136	0	0	0	0	0	0	0	0	0	0	0	0	0	11,017	4,136	25,948
Dambovita	17,325	0	17,325	0	0	0	0	0	0	0	0	1	0	1,119	7	0	24,850	17,318	33,326
Giurgiu	6,981	0	6,981	0	0	0	0	0	0	0	0	0	0	1,485	6	0	9,719	6,975	16,763
Ialomita		0	11,202	0	0	0	0	0	0	0	0	5	0	2,380	8	0	27,082	11,194	47,930
Prahova	13,836	0	13,836	0	1	0	2	0	0	0	0	0	0	6	6	0	23,699	13,830	43,020
Teleorman	12,011	0	12,011	0	0	0	0	0	0	0	0	0	0	21	7	0	24,638	12,004	37,357
Bucuresti	30	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	173	30	290
Ilfov	1,316	0	1,316	0	0	0	0	0	0	0	0	0	0	1,006	10	0	2,758	1,306	6,701

Region	Total number of herds	Number of infected herds	Number of herds with status officially free	Number of animals positive in microbiological testing under investigations of suspect cases	Number of animals tested by micriobiology under investigations of suspect cases	Number of animals positive to BST under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of animals serologically tested under investigations of suspect cases	Number of abortions due to Brucella abortus	Number of isolations of Brucella infections	Number of notified abortions whatever cause	Number of infected herds tested under surveillance by bulk milk	Number of animals or pools tested under surveillance by bulk milk	Number of herds tested under surveillance by bulk milk	Number of infected herds tested under surveillance	Number of animals tested under surveillance	Number of herds tested under surveillance	Total number of animals
Dolj	48,744	12,313	0	0	0	0	0	0	0	0	0	0	7	0	755	5	0	23,371	12,318
Gorj	14,134	0	14,134	0	0	0	0	0	0	0	0	3	0	0	0	0	30,189	14,134	51,415
Mehedinti	11,840	0	11,840	0	0	0	0	0	0	0	0	0	0	128	5	0	26,464	11,835	37,500
Olt	14,366	0	14,366	0	0	0	0	0	0	0	0	3	0	272	3	0	20,881	14,363	38,620
Valcea	16,581	0	16,581	0	0	0	0	0	0	0	0	0	0	0	0	0	27,440	16,581	51,961
Arad	8,836	0	8,836	0	0	0	0	0	0	0	0	0	0	87	30	0	25,499	8,806	53,932
Caras-Severin	9,878	0	9,878	0	0	0	0	0	0	0	0	0	0	0	0	0	21,814	9,878	30,848
Hunedoara	11,202																		
Timis	7,297	7,259	0	0	0	0	0	0	0	0	0	0	1	0	114	38	0	22,725	44,379

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

Region	Total number of herds	Number of infected herds	Number of herds with status officially free	Number of animals detected positive in bacteriological examination	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Number of tuberculin tests carried out before the introduction into the herds	Number of animals tested with tuberculin routine testing	Interval between routine tuberculin tests	Total number of animals
Romania	619,591	36	619,555	45	190	0	2,051,078	12	2,287,215
Bihor	20,890	2	20,888	2	51	0	71,507	12	75,796
Bistrita-Nasaud	17,567	3	17,564	3	18	0	81,030	12	81,218
Cluj	14,622	0	14,622	0	0	0	69,673	12	69,826
Maramures	29,952	0	29,952	0	0	0	85,806	12	87,820
Satu Mare	11,795	11	11,784	16	51	0	46,621	12	47,745
Salaj	8,851	8	8,843	8	9	0	28,607	12	29,719
Alba	14,698	0	14,698	0	0	0	64,385	12	66,577
Brasov	10,079	0	10,079	0	0	0	59,825	12	64,190
Covasna	7,290	0	7,290	0	0	0	44,875	12	50,377
Harghita	16,315	0	16,315	0	0	0	87,850	12	88,467
Mures	12,421	2	12,419	4	7	0	75,391	12	86,269
Sibiu	5,834	0	5,834	0	0	0	40,546	12	44,044
Bacau	24,571	1	24,570	1	1	0	57,303	12	64,810
Botosani	30,460	3	30,457	5	5	0	91,977	12	109,912
Iasi	35,793	0	35,793	0	0	0	68,170	12	84,659
Neamt	27,520	0	27,520	0	0	0	72,809	12	89,972
Suceava	45,047	0	45,047	0	0	0	133,200	12	155,089
Vaslui	22,451	0	22,451	0	0	0	58,016	12	66,012
Braila	12,683	0	12,683	0	0	0	41,567	12	45,057
Buzau	20,009	0	20,009	0	0	0	54,617	12	57,348
Constanta	5,452	2	5,450	2	27	0	40,462	12	41,835
Galati	11,359	0	11,359	0	0	0	34,474	12	38,121
Tulcea	3,705	0	3,705	0	0	0	24,855	12	38,891
Vrancea	14,441	0	14,441	0	0	0	50,246	12	60,617
Arges	26,305	0	26,305	0	3	0	56,983	12	58,083
Calarasi	4,136	0	4,136	0	0	0	24,437	12	25,948
Dambovita	17,325	0	17,325	0	0	0	31,920	12	33,326
Giurgiu	6,981	0	6,981	0	0	0	14,599	12	16,763
Ialomita	7,394	2	7,392	2	3	0	23,515	12	28,345
Prahova	13,836	0	13,836	0	8	0	38,559	12	43,020
Teleorman	12,011	0	12,011	0	0	0	36,094	12	37,357

Region	Total number of herds	Number of infected herds	Number of herds with status officially free	Number of animals detected positive in bacteriological examination	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Number of tuberculin tests carried out before the introduction into the herds	Number of animals tested with tuberculin routine testing	Interval between routine tuberculin tests	Total number of animals
Bucuresti	30	0	30	0	0	0	247	12	290
Ilfov	1,316	0	1,316	0	0	0	6,603	12	6,701
Dolj	12,318	0	12,318	0	0	0	30,949	12	36,426
Gorj	14,134	0	14,134	0	0	0	47,501	12	51,415
Mehedinti	11,840	0	11,840	0	0	0	34,112	12	37,500
Olt	14,366	2	14,364	2	7	0	32,891	12	38,620
Valcea	16,581	0	16,581	0	0	0	44,556	12	51,961
Arad	8,836	0	8,836	0	0	0	49,321	12	53,932
Caras-Severin	9,878	0	9,878	0	0	0	28,555	12	30,848
Hunedoara	11,202	0	11,202	0	0	0	41,909	12	47,930
Timis	7,297	0	7,297	0	0	0	24,515	12	44,379

PREVALENCE TABLES

Table BRUCELLA in animal

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Bison - wild - Farm (not specified) - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	965	0	Brucella	0
Buffalos - farmed - Farm (not specified) - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	965	0	Brucella	0
Dogs - pet animals - Farm (not specified) - Romania - animal sample - blood - Clinical investigations - Official sampling - Objective sampling	animal	22	11	Brucella - B. canis	11
Dogs - pet animals - Farm (not specified) - Romania - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	animal	22	0	Brucella - B. canis	0
Hares - wild - Natural habitat - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	965	0	Brucella	0
Hares - wild - Natural habitat - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	965	0	Brucella	0
Lamas - farmed - Farm (not specified) - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	965	0	Brucella	0
Pigs - mixed herds - Farm (not specified) - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	36749	0	Brucella	0
Pigs - mixed herds - Farm (not specified) - Romania - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal	36479	0	Brucella	0
Pigs - mixed herds - Farm (not specified) - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	36479	0	Brucella	0
Pigs - mixed herds - Farm (not specified) - Romania - animal sample (not specified) - Surveillance - Official sampling - Objective sampling	animal	36479	0	Brucella	0
Wild boars - wild - Natural habitat - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	965	0	Brucella	0
Wild boars - wild - Natural habitat - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	965	0	Brucella	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Gallus gallus (fowl) - broilers - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	slaughter batch	8	5	Campylobacter - C. coli	5
				Campylobacter - C. jejuni	5
		10	2	Campylobacter - C. coli	2
			4	Campylobacter - C. coli	4
				Campylobacter - C. jejuni	4
			5	Campylobacter - C. jejuni	5
		22	9	Campylobacter - C. coli	9
			13	Campylobacter - C. jejuni	13
		40	0	Campylobacter - C. coli	0
			4	Campylobacter - C. coli	4
			7	Campylobacter - C. coli	7
			10	Campylobacter - C. coli	10
				Campylobacter - C. jejuni	10
			12	Campylobacter - C. coli	12
			13	Campylobacter - C. coli	13
				Campylobacter - C. jejuni	13
			16	Campylobacter - C. coli	16
			18	Campylobacter - C. jejuni	18
			19	Campylobacter - C. jejuni	19
			20	Campylobacter - C. jejuni	20
			21	Campylobacter - C. coli	84
				Campylobacter - C. jejuni	21
			24	Campylobacter - C. jejuni	48
			25	Campylobacter - C. coli	25
				Campylobacter - C. jejuni	25
			26	Campylobacter - C. jejuni	26
			27	Campylobacter - C. jejuni	54
		50	4	Campylobacter - C. coli	4
			8	Campylobacter - C. jejuni	8
			21	Campylobacter - C. jejuni	21
			25	Campylobacter - C. coli	25
		68	29	Campylobacter - C. coli	29
			35	Campylobacter - C. jejuni	35
		90	40	Campylobacter - C. jejuni	40
			44	Campylobacter - C. coli	44
		92	23	Campylobacter - C. coli	23
			62	Campylobacter - C. jejuni	62
Turkeys - fattening flocks - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	slaughter batch	40	14	Campylobacter - C. jejuni	14
			22	Campylobacter - C. coli	22

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
Cattle (bovine animals) - unspecified - Farm (not specified) - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	5	0	1	Coxiella (Q-fever) - C. burnetii	0
Cattle (bovine animals) - unspecified - Farm (not specified) - Romania - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal	2	0	1	Coxiella (Q-fever) - C. burnetii	0
Sheep - mixed herds - Farm (not specified) - Romania - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	133	0	1	Coxiella (Q-fever) - C. burnetii	0
Sheep - mixed herds - Farm (not specified) - Romania - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal	3	0	1	Coxiella (Q-fever) - C. burnetii	0
Sheep - mixed herds - Farm (not specified) - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	3	0	1	Coxiella (Q-fever) - C. burnetii	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Pigs - mixed herds - Farm (not specified) - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	5	1	Cysticerci - Cysticerci spp., unspecified	1
Wild boars - wild - Natural habitat - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	5	0	Cysticerci - Cysticerci spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Buffalos - wild - Natural habitat - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	0	Echinococcus - Echinococcus spp., unspecified	0
Cattle (bovine animals) - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	288	169	Echinococcus - Echinococcus spp., unspecified	169
Cattle (bovine animals) - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	1	Echinococcus - Echinococcus spp., unspecified	3
		2	0	Echinococcus - Echinococcus spp., unspecified	0
			2	Echinococcus - Echinococcus spp., unspecified	2
		3	2	Echinococcus - Echinococcus spp., unspecified	4
			3	Echinococcus - Echinococcus spp., unspecified	3
		4	0	Echinococcus - Echinococcus spp., unspecified	0
			3	Echinococcus - Echinococcus spp., unspecified	3
		5	2	Echinococcus - Echinococcus spp., unspecified	2
		6	4	Echinococcus - Echinococcus spp., unspecified	4
		11	4	Echinococcus - Echinococcus spp., unspecified	4
		14	2	Echinococcus - Echinococcus spp., unspecified	2
		17	4	Echinococcus - Echinococcus spp., unspecified	4
		21	11	Echinococcus - Echinococcus spp., unspecified	11
		55	0	Echinococcus - Echinococcus spp., unspecified	0
Cattle (bovine animals) - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	1	Echinococcus - Echinococcus spp., unspecified	5
		2	0	Echinococcus - Echinococcus spp., unspecified	0
			2	Echinococcus - Echinococcus spp., unspecified	4
		3	2	Echinococcus - Echinococcus spp., unspecified	2
			3	Echinococcus - Echinococcus spp., unspecified	9
		4	4	Echinococcus - Echinococcus spp., unspecified	4

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Cattle (bovine animals) - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	24	24	Echinococcus - Echinococcus spp., unspecified	24
Cattle (bovine animals) - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	1	0	Echinococcus - Echinococcus spp., unspecified	0
			1	Echinococcus - Echinococcus spp., unspecified	3
		2	1	Echinococcus - Echinococcus spp., unspecified	1
			2	Echinococcus - Echinococcus spp., unspecified	2
		3	3	Echinococcus - Echinococcus spp., unspecified	9
		4	4	Echinococcus - Echinococcus spp., unspecified	8
Cattle (bovine animals) - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	1	0	Echinococcus - Echinococcus spp., unspecified	0
			1	Echinococcus - Echinococcus spp., unspecified	3
		2	2	Echinococcus - Echinococcus spp., unspecified	4
		5	5	Echinococcus - Echinococcus spp., unspecified	5
		9	9	Echinococcus - Echinococcus spp., unspecified	9
		11	11	Echinococcus - Echinococcus spp., unspecified	11
		24	24	Echinococcus - Echinococcus spp., unspecified	24
Deer - wild - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	0	Echinococcus - Echinococcus spp., unspecified	0
Dogs - pet animals - Veterinary clinics - Romania - animal sample - faeces - Clinical investigations - Official sampling - Objective sampling	animal	177	6	Echinococcus - Echinococcus spp., unspecified	6
Dogs - pet animals - Veterinary clinics - Romania - animal sample - faeces - Clinical investigations - Official sampling - Objective sampling	animal	4	0	Echinococcus - Echinococcus spp., unspecified	0
Dogs - pet animals - Veterinary clinics - Romania - animal sample - faeces - Clinical investigations - Official sampling - Objective sampling	animal	9	0	Echinococcus - Echinococcus spp., unspecified	0
		14	0	Echinococcus - Echinococcus spp., unspecified	0
		20	0	Echinococcus - Echinococcus spp., unspecified	0
		40	6	Echinococcus - Echinococcus spp., unspecified	6
		45	0	Echinococcus - Echinococcus spp., unspecified	0
Foxes - wild - Natural habitat - Romania - animal sample - faeces - Surveillance - Official sampling - Objective sampling	animal	12	0	Echinococcus - Echinococcus spp., unspecified	0
Goats - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	0	Echinococcus - Echinococcus spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Goats - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	4	0	Echinococcus - Echinococcus spp., unspecified	0
Goats - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	3	0	Echinococcus - Echinococcus spp., unspecified	0
Pigs - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	14	1	Echinococcus - Echinococcus spp., unspecified	1
Pigs - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	0	Echinococcus - Echinococcus spp., unspecified	0
		2	1	Echinococcus - Echinococcus spp., unspecified	1
		3	0	Echinococcus - Echinococcus spp., unspecified	0
		7	0	Echinococcus - Echinococcus spp., unspecified	0
Sheep - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	27	2	Echinococcus - Echinococcus spp., unspecified	2
Sheep - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	1	Echinococcus - Echinococcus spp., unspecified	1
		4	0	Echinococcus - Echinococcus spp., unspecified	0
		8	0	Echinococcus - Echinococcus spp., unspecified	0
		9	1	Echinococcus - Echinococcus spp., unspecified	1
Sheep - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	2	0	Echinococcus - Echinococcus spp., unspecified	0
Sheep - mixed herds - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	1	0	Echinococcus - Echinococcus spp., unspecified	0
		2	0	Echinococcus - Echinococcus spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Gallus gallus (fowl) - broilers - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	slaughter batch	8	8	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	8
		10	9	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	9
			10	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	10
		22	22	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	22
		40	39	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	78
			40	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	400
		50	45	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	45
			48	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	48
		68	64	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	64
		90	87	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	87
		92	88	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	88
Turkeys - fattening flocks - Slaughterhouse - Romania - animal sample - caecum - Monitoring - Official sampling - Objective sampling	slaughter batch	40	38	Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified	38

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Romania - food sample (not specified) - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	2	0	>200 to <= 400	Histamine	2	0
						>100 to <= 200	Histamine	2	0
						> 400	Histamine	2	0
						<= 100	Histamine	2	0
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Romania - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	91	0	>200 to <= 400	Histamine	91	0
						>100 to <= 200	Histamine	91	0
						> 400	Histamine	91	0
						<= 100	Histamine	91	0
Fish - Fishery products which have undergone enzyme maturation treatment in brine - Retail - Romania - food sample (not specified) - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	7	0	>200 to <= 400	Histamine	7	0
						>100 to <= 200	Histamine	7	0
						> 400	Histamine	7	0
						<= 100	Histamine	7	0
Fish - Fishery products which have undergone enzyme maturation treatment in brine - Retail - Romania - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	24	0	>200 to <= 400	Histamine	24	0
						>100 to <= 200	Histamine	24	0
						> 400	Histamine	24	0
						<= 100	Histamine	24	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Bakery products - desserts - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	34	0	>100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Bakery products - desserts - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	34	0	detection	Listeria - L. monocytogenes	28	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	84	0	>100	Listeria - L. monocytogenes	55	0
						<= 100	Listeria - L. monocytogenes	55	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	84	0	detection	Listeria - L. monocytogenes	29	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	8	0	>100	Listeria - L. monocytogenes	8	0
						<= 100	Listeria - L. monocytogenes	8	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	detection	Listeria - L. monocytogenes	0	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	0	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Bakery products - desserts - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	0	0
Bakery products - pastry - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	64	0	>100	Listeria - L. monocytogenes	64	0
						<= 100	Listeria - L. monocytogenes	64	0
Bakery products - pastry - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	64	0	detection	Listeria - L. monocytogenes	0	0
Bakery products - pastry - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	86	0	>100	Listeria - L. monocytogenes	24	0
						<= 100	Listeria - L. monocytogenes	24	0
Bakery products - pastry - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	86	0	detection	Listeria - L. monocytogenes	68	0
Bakery products - pastry - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	12	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Bakery products - pastry - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	detection	Listeria - L. monocytogenes	12	0
Bakery products - pastry - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	14	0	>100	Listeria - L. monocytogenes	14	0
						<= 100	Listeria - L. monocytogenes	14	0
Bakery products - pastry - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	14	0	detection	Listeria - L. monocytogenes	2	0
Bakery products - pastry - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Bakery products - pastry - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Cheeses made from cows' milk - hard - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	11	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - hard - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	detection	Listeria - L. monocytogenes	11	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	37	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	37	0	detection	Listeria - L. monocytogenes	37	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	171	0	>100	Listeria - L. monocytogenes	45	0
						<= 100	Listeria - L. monocytogenes	45	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	171	0	detection	Listeria - L. monocytogenes	142	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	49	0	>100	Listeria - L. monocytogenes	46	0
						<= 100	Listeria - L. monocytogenes	46	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	49	0	detection	Listeria - L. monocytogenes	3	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	8	0	>100	Listeria - L. monocytogenes	7	0
						<= 100	Listeria - L. monocytogenes	7	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	detection	Listeria - L. monocytogenes	1	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	3	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	28	0	>100	Listeria - L. monocytogenes	25	0
						<= 100	Listeria - L. monocytogenes	25	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	28	0	detection	Listeria - L. monocytogenes	3	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	1	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	1	0
Cheeses made from cows' milk - soft and semi-soft - Catering (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Cheeses made from cows' milk - soft and semi-soft - Catering (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	0	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Cheeses made from cows' milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	9	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	9	0	detection	Listeria - L. monocytogenes	9	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	114	0	>100	Listeria - L. monocytogenes	5	0
						<= 100	Listeria - L. monocytogenes	5	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	114	0	detection	Listeria - L. monocytogenes	109	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	178	0	>100	Listeria - L. monocytogenes	42	0
						<= 100	Listeria - L. monocytogenes	42	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	178	0	detection	Listeria - L. monocytogenes	136	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	9	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	detection	Listeria - L. monocytogenes	9	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	21	0	>100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	21	0	detection	Listeria - L. monocytogenes	15	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	26	0	>100	Listeria - L. monocytogenes	15	0
						<= 100	Listeria - L. monocytogenes	15	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	26	1	detection	Listeria - L. monocytogenes	11	1
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	59	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	59	0	detection	Listeria - L. monocytogenes	59	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	48	0	>100	Listeria - L. monocytogenes	48	0
						<= 100	Listeria - L. monocytogenes	48	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	48	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Selective sampling	batch	1	Gram	3	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Selective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Cheeses made from goats' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	11	0	>100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Cheeses made from goats' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	detection	Listeria - L. monocytogenes	5	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Cheeses made from goats' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from goats' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	11	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	detection	Listeria - L. monocytogenes	11	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	7	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	detection	Listeria - L. monocytogenes	7	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	6	0	>100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - hard - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - hard - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	9	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	9	0	detection	Listeria - L. monocytogenes	7	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	3	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	8	0	>100	Listeria - L. monocytogenes	8	0
						<= 100	Listeria - L. monocytogenes	8	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	detection	Listeria - L. monocytogenes	0	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	8	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	detection	Listeria - L. monocytogenes	8	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	22	0	>100	Listeria - L. monocytogenes	22	0
						<= 100	Listeria - L. monocytogenes	22	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	22	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	11	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	detection	Listeria - L. monocytogenes	11	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	33	0	>100	Listeria - L. monocytogenes	33	0
						<= 100	Listeria - L. monocytogenes	33	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	33	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - butter - Packing centre (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - butter - Packing centre (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	13	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	13	0	detection	Listeria - L. monocytogenes	12	0
Dairy products (excluding cheeses) - butter - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	7	0	>100	Listeria - L. monocytogenes	7	0
						<= 100	Listeria - L. monocytogenes	7	0
Dairy products (excluding cheeses) - butter - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	13	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	13	0	detection	Listeria - L. monocytogenes	9	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	3	0	>100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Catering (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	3	0	>100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Dairy products (excluding cheeses) - dairy products, not specified - Catering (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Dairy products (excluding cheeses) - dairy products, not specified - Packing centre (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Packing centre (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	233	0	>100	Listeria - L. monocytogenes	26	0
						<= 100	Listeria - L. monocytogenes	26	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	233	0	detection	Listeria - L. monocytogenes	207	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	12	0	>100	Listeria - L. monocytogenes	12	0
						<= 100	Listeria - L. monocytogenes	12	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	12	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Gram	35	0	>100	Listeria - L. monocytogenes	31	0
						<= 100	Listeria - L. monocytogenes	31	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	35	0	detection	Listeria - L. monocytogenes	10	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	65	0	>100	Listeria - L. monocytogenes	28	0
						<= 100	Listeria - L. monocytogenes	28	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	65	0	detection	Listeria - L. monocytogenes	38	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - ice-cream - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	6	0	>100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Dairy products (excluding cheeses) - ice-cream - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	detection	Listeria - L. monocytogenes	0	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Fishery products, unspecified - raw - Packing centre (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	3	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - raw - Packing centre (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Fishery products, unspecified - raw - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	33	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - raw - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	33	8	detection	Listeria - L. monocytogenes	33	8
Fishery products, unspecified - raw - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	15	0	>100	Listeria - L. monocytogenes	10	0
						<= 100	Listeria - L. monocytogenes	10	0
Fishery products, unspecified - raw - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	15	0	detection	Listeria - L. monocytogenes	7	0
Fishery products, unspecified - raw - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Fishery products, unspecified - raw - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	29	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	29	11	detection	Listeria - L. monocytogenes	29	11
Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	1	0
Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Fishery products, unspecified - smoked - Hospital or medical care facility - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Fishery products, unspecified - smoked - Hospital or medical care facility - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - smoked - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	97	0	<= 100	Listeria - L. monocytogenes	16	0
		12	Gram	97	0	>100	Listeria - L. monocytogenes	16	0
Fishery products, unspecified - smoked - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	97	2	detection	Listeria - L. monocytogenes	97	2
Fishery products, unspecified - smoked - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	8	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Fishery products, unspecified - smoked - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	detection	Listeria - L. monocytogenes	6	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Fishery products, unspecified - smoked - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Fishery products, unspecified - smoked - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	0	0
Fishery products, unspecified - smoked - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	9	0	>100	Listeria - L. monocytogenes	9	0
						<= 100	Listeria - L. monocytogenes	9	0
Fishery products, unspecified - smoked - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	detection	Listeria - L. monocytogenes	0	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	23	0	>100	Listeria - L. monocytogenes	23	0
						<= 100	Listeria - L. monocytogenes	23	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	23	0	detection	Listeria - L. monocytogenes	0	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	19	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	19	0	detection	Listeria - L. monocytogenes	17	0
Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Meat from bovine animals - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Selective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from bovine animals - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Selective sampling	batch	25	Gram	1	1	detection	Listeria - L. monocytogenes	1	1
Meat from bovine animals - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	6	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from bovine animals - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	detection	Listeria - L. monocytogenes	6	0
Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Meat from bovine animals - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	1	0
Meat from bovine animals - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Meat from bovine animals - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	13	0	>100	Listeria - L. monocytogenes	11	0
						<= 100	Listeria - L. monocytogenes	11	0
Meat from bovine animals - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	13	0	detection	Listeria - L. monocytogenes	2	0
Meat from bovine animals - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	15	0	>100	Listeria - L. monocytogenes	15	0
						<= 100	Listeria - L. monocytogenes	15	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Meat from bovine animals - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	15	0	detection	Listeria - L. monocytogenes	0	0
Meat from bovine animals - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	31	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from bovine animals - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	31	0	detection	Listeria - L. monocytogenes	31	0
Meat from bovine animals - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from bovine animals - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Meat from bovine animals - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Meat from bovine animals - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	0	0
Meat from bovine animals - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from bovine animals - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Meat from bovine animals - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	3	0	>100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Meat from bovine animals - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	0	0
Meat from broilers (Gallus gallus) - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	11	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from broilers (Gallus gallus) - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	9	detection	Listeria - L. monocytogenes	11	9
Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Meat from broilers (Gallus gallus) - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	88	0	>100	Listeria - L. monocytogenes	69	0
						<= 100	Listeria - L. monocytogenes	69	0
Meat from broilers (Gallus gallus) - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	88	0	detection	Listeria - L. monocytogenes	19	0
Meat from broilers (Gallus gallus) - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	85	0	>100	Listeria - L. monocytogenes	85	0
						<= 100	Listeria - L. monocytogenes	85	0
Meat from broilers (Gallus gallus) - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	85	0	detection	Listeria - L. monocytogenes	0	0
Meat from broilers (Gallus gallus) - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	24	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Meat from broilers (Gallus gallus) - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	24	0	detection	Listeria - L. monocytogenes	24	0
Meat from broilers (Gallus gallus) - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	13	0	>100	Listeria - L. monocytogenes	13	0
						<= 100	Listeria - L. monocytogenes	13	0
Meat from broilers (Gallus gallus) - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	13	0	detection	Listeria - L. monocytogenes	0	0
Meat from pig - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	40	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from pig - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	40	0	detection	Listeria - L. monocytogenes	40	0
Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	59	0	>100	Listeria - L. monocytogenes	12	0
						<= 100	Listeria - L. monocytogenes	12	0
Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	59	0	detection	Listeria - L. monocytogenes	47	0
Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	15	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	15	0	detection	Listeria - L. monocytogenes	15	0
Meat from pig - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	20	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from pig - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	20	0	detection	Listeria - L. monocytogenes	20	0
Meat from pig - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from pig - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Meat from pig - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from pig - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Meat from pig - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat from pig - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	4	0
Meat from pig - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	111	0	>100	Listeria - L. monocytogenes	94	0
						<= 100	Listeria - L. monocytogenes	94	0
Meat from pig - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	111	0	detection	Listeria - L. monocytogenes	17	0
Meat from pig - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	75	0	>100	Listeria - L. monocytogenes	75	0
						<= 100	Listeria - L. monocytogenes	75	0
Meat from pig - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	75	0	detection	Listeria - L. monocytogenes	0	0
Meat from pig - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	3	0	>100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Meat from pig - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	0	0
Meat from pig - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	166	0	>100	Listeria - L. monocytogenes	48	0
						<= 100	Listeria - L. monocytogenes	48	0
Meat from pig - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	166	1	detection	Listeria - L. monocytogenes	132	1
Meat from pig - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	50	0	>100	Listeria - L. monocytogenes	35	0
						<= 100	Listeria - L. monocytogenes	35	0
Meat from pig - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	50	2	detection	Listeria - L. monocytogenes	22	2
Meat from pig - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	37	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Meat from pig - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	37	0	detection	Listeria - L. monocytogenes	37	0
Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	24	0	>100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	24	1	detection	Listeria - L. monocytogenes	24	1
Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	82	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	82	0	detection	Listeria - L. monocytogenes	82	0
Meat, mixed meat - meat products - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	17	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat, mixed meat - meat products - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	17	0	detection	Listeria - L. monocytogenes	17	0
Meat, mixed meat - meat products - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat, mixed meat - meat products - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Meat, mixed meat - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	18	0	>100	Listeria - L. monocytogenes	18	0
						<= 100	Listeria - L. monocytogenes	18	0
Meat, mixed meat - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	18	0	detection	Listeria - L. monocytogenes	0	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	351	0	>100	Listeria - L. monocytogenes	22	0
						<= 100	Listeria - L. monocytogenes	22	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	351	0	detection	Listeria - L. monocytogenes	248	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	62	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	62	0	detection	Listeria - L. monocytogenes	62	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	150	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	150	0	detection	Listeria - L. monocytogenes	150	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	66	0	>100	Listeria - L. monocytogenes	55	0
						<= 100	Listeria - L. monocytogenes	55	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	66	0	detection	Listeria - L. monocytogenes	14	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	64	0	>100	Listeria - L. monocytogenes	63	0
						<= 100	Listeria - L. monocytogenes	63	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	64	0	detection	Listeria - L. monocytogenes	1	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	1	Gram	4	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	4	0	detection	Listeria - L. monocytogenes	0	0
Meat, mixed meat - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat, mixed meat - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Meat, mixed meat - minced meat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	25	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Meat, mixed meat - minced meat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	25	0	detection	Listeria - L. monocytogenes	25	0
Meat, mixed meat - minced meat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	171	0	>100	Listeria - L. monocytogenes	171	0
						<= 100	Listeria - L. monocytogenes	171	0
Meat, mixed meat - minced meat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	171	0	detection	Listeria - L. monocytogenes	0	0
Milk, cows' - pasteurised milk - Packing centre (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Millilitre	4	0	>100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Milk, cows' - pasteurised milk - Packing centre (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	4	0	detection	Listeria - L. monocytogenes	0	0
Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Millilitre	26	0	>100	Listeria - L. monocytogenes	5	0
						<= 100	Listeria - L. monocytogenes	5	0
Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Millilitre	26	0	detection	Listeria - L. monocytogenes	21	0
Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Millilitre	3	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	3	0	detection	Listeria - L. monocytogenes	3	0
Milk, cows' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Millilitre	9	0	>100	Listeria - L. monocytogenes	9	0
						<= 100	Listeria - L. monocytogenes	9	0
Milk, cows' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	9	0	detection	Listeria - L. monocytogenes	0	0
Milk, cows' - raw milk - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Suspect sampling	batch	1	Millilitre	3	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Milk, cows' - raw milk - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Suspect sampling	batch	25	Millilitre	3	3	detection	Listeria - L. monocytogenes	3	3
Milk, cows' - raw milk for manufacture - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Millilitre	4	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Milk, cows' - raw milk for manufacture - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Millilitre	4	0	detection	Listeria - L. monocytogenes	4	0
Milk, cows' - raw milk for manufacture - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Millilitre	45	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Milk, cows' - raw milk for manufacture - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Millilitre	45	0	detection	Listeria - L. monocytogenes	45	0
Milk, cows' - raw milk for manufacture - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	1	Millilitre	23	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Milk, cows' - raw milk for manufacture - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Millilitre	23	0	detection	Listeria - L. monocytogenes	21	0
Milk, sheep's - raw milk for manufacture - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	1	Millilitre	18	0	>100	Listeria - L. monocytogenes	18	0
						<= 100	Listeria - L. monocytogenes	18	0
Milk, sheep's - raw milk for manufacture - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	18	0	detection	Listeria - L. monocytogenes	0	0
Molluscan shellfish - shelled, shucked and cooked - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	2	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Molluscan shellfish - shelled, shucked and cooked - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	1432	0	>100	Listeria - L. monocytogenes	519	0
						<= 100	Listeria - L. monocytogenes	519	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1432	0	detection	Listeria - L. monocytogenes	994	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	796	0	>100	Listeria - L. monocytogenes	653	0
						<= 100	Listeria - L. monocytogenes	653	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	796	0	detection	Listeria - L. monocytogenes	143	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	1	Gram	1	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	1	0	detection	Listeria - L. monocytogenes	1	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	6	0	>100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	detection	Listeria - L. monocytogenes	4	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	5	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	186	0	>100	Listeria - L. monocytogenes	24	0
						<= 100	Listeria - L. monocytogenes	24	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	186	0	detection	Listeria - L. monocytogenes	173	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	31	0	>100	Listeria - L. monocytogenes	8	0
						<= 100	Listeria - L. monocytogenes	8	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	31	0	detection	Listeria - L. monocytogenes	23	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	817	0	>100	Listeria - L. monocytogenes	249	0
						<= 100	Listeria - L. monocytogenes	249	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	817	0	detection	Listeria - L. monocytogenes	583	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	1	Gram	182	0	>100	Listeria - L. monocytogenes	162	0
						<= 100	Listeria - L. monocytogenes	162	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	182	0	detection	Listeria - L. monocytogenes	48	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	1	Gram	6	0	>100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	6	0	detection	Listeria - L. monocytogenes	0	0
Snails - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	1	Gram	128	0	>100	Listeria - L. monocytogenes	0	0
						<= 100	Listeria - L. monocytogenes	0	0
Snails - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	128	2	detection	Listeria - L. monocytogenes	128	2

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Badgers - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Badgers - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Bats - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
Bats - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Bears - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		3	1	Lyssavirus (rabies)	1
		9	1	Lyssavirus (rabies)	1
Bears - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		5	0	Lyssavirus (rabies)	0
Bears - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2
Cats - stray cats - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		2	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	2
			2	Lyssavirus (rabies)	2
		3	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	3
		4	0	Lyssavirus (rabies)	0
		10	0	Lyssavirus (rabies)	0
		12	0	Lyssavirus (rabies)	0
		15	0	Lyssavirus (rabies)	0
		92	8	Lyssavirus (rabies)	8
Cats - stray cats - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
		4	0	Lyssavirus (rabies)	0
		10	0	Lyssavirus (rabies)	0
		12	0	Lyssavirus (rabies)	0
		80	0	Lyssavirus (rabies)	0
Cats - stray cats - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	5
		5	5	Lyssavirus (rabies)	5
Cattle (bovine animals) - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	2
		2	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
			2	Lyssavirus (rabies)	4
		3	0	Lyssavirus (rabies)	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Cattle (bovine animals) - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	3	1	Lyssavirus (rabies)	1
			3	Lyssavirus (rabies)	3
		4	0	Lyssavirus (rabies)	0
		5	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
			2	Lyssavirus (rabies)	2
			3	Lyssavirus (rabies)	3
		7	1	Lyssavirus (rabies)	1
		8	0	Lyssavirus (rabies)	0
			8	Lyssavirus (rabies)	8
		9	7	Lyssavirus (rabies)	7
		20	0	Lyssavirus (rabies)	0
		114	33	Lyssavirus (rabies)	33
Cattle (bovine animals) - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
		4	0	Lyssavirus (rabies)	0
		5	0	Lyssavirus (rabies)	0
		6	0	Lyssavirus (rabies)	0
		37	0	Lyssavirus (rabies)	0
Cattle (bovine animals) - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	4
		2	2	Lyssavirus (rabies)	6
		10	10	Lyssavirus (rabies)	10
Cattle (bovine animals) - mixed herds - Slaughterhouse - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	6	0	Lyssavirus (rabies)	0
Deer - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	4	0	Lyssavirus (rabies)	0
Deer - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	3	0	Lyssavirus (rabies)	0
Deer - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
Dogs - stray dogs - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
		4	0	Lyssavirus (rabies)	0
			2	Lyssavirus (rabies)	2
		5	0	Lyssavirus (rabies)	0
		6	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	3
		7	0	Lyssavirus (rabies)	0
		8	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		9	0	Lyssavirus (rabies)	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Dogs - stray dogs - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	11	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		13	0	Lyssavirus (rabies)	0
		16	1	Lyssavirus (rabies)	1
		26	0	Lyssavirus (rabies)	0
		211	10	Lyssavirus (rabies)	10
Dogs - stray dogs - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
		4	0	Lyssavirus (rabies)	0
		5	0	Lyssavirus (rabies)	0
		6	0	Lyssavirus (rabies)	0
		7	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		8	0	Lyssavirus (rabies)	0
		9	0	Lyssavirus (rabies)	0
		10	0	Lyssavirus (rabies)	0
		11	0	Lyssavirus (rabies)	0
		17	0	Lyssavirus (rabies)	0
		20	0	Lyssavirus (rabies)	0
		165	1	Lyssavirus (rabies)	1
Dogs - stray dogs - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2
		2	2	Lyssavirus (rabies)	4
		6	6	Lyssavirus (rabies)	6
Dogs - stray dogs - Hospital or medical care facility - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	4	1	Lyssavirus (rabies)	1
Dogs - stray dogs - Hospital or medical care facility - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Dogs - stray dogs - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus (rabies)	0
Dogs - stray dogs - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus (rabies)	0
Foxes - wild - Natural habitat - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
		6	1	Lyssavirus (rabies)	1
		8	0	Lyssavirus (rabies)	0
		12	0	Lyssavirus (rabies)	0
		13	1	Lyssavirus (rabies)	1
		14	0	Lyssavirus (rabies)	0
		16	1	Lyssavirus (rabies)	1
			4	Lyssavirus (rabies)	4
		18	0	Lyssavirus (rabies)	0
		32	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		41	0	Lyssavirus (rabies)	0
		46	0	Lyssavirus (rabies)	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Foxes - wild - Natural habitat - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	animal	46	1	Lyssavirus (rabies)	1
		52	0	Lyssavirus (rabies)	0
		53	0	Lyssavirus (rabies)	0
		56	1	Lyssavirus (rabies)	1
		57	1	Lyssavirus (rabies)	1
		58	0	Lyssavirus (rabies)	0
		63	0	Lyssavirus (rabies)	0
		73	4	Lyssavirus (rabies)	4
		76	1	Lyssavirus (rabies)	1
		77	0	Lyssavirus (rabies)	0
		90	0	Lyssavirus (rabies)	0
		92	4	Lyssavirus (rabies)	4
		100	0	Lyssavirus (rabies)	0
			5	Lyssavirus (rabies)	5
		101	4	Lyssavirus (rabies)	4
		109	1	Lyssavirus (rabies)	1
		110	1	Lyssavirus (rabies)	1
		115	0	Lyssavirus (rabies)	0
		126	0	Lyssavirus (rabies)	0
		143	21	Lyssavirus (rabies)	21
		170	0	Lyssavirus (rabies)	0
		188	5	Lyssavirus (rabies)	5
		2616	116	Lyssavirus (rabies)	116
Foxes - wild - Natural habitat - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	animal	8	0	Lyssavirus (rabies)	0
		12	0	Lyssavirus (rabies)	0
		129	1	Lyssavirus (rabies)	1
Foxes - wild - Natural habitat - Romania - animal sample - brain - Monitoring - Official sampling - Objective sampling	animal	98	98	Lyssavirus (rabies)	98
Foxes - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	3
		2	1	Lyssavirus (rabies)	1
		3	0	Lyssavirus (rabies)	0
		4	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	2
		5	0	Lyssavirus (rabies)	0
			3	Lyssavirus (rabies)	3
			4	Lyssavirus (rabies)	4
		6	3	Lyssavirus (rabies)	3
		8	0	Lyssavirus (rabies)	0
		9	3	Lyssavirus (rabies)	3
			6	Lyssavirus (rabies)	6
		10	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	2

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Foxes - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	14	8	Lyssavirus (rabies)	8
		15	0	Lyssavirus (rabies)	0
			7	Lyssavirus (rabies)	7
		16	7	Lyssavirus (rabies)	7
		21	0	Lyssavirus (rabies)	0
			10	Lyssavirus (rabies)	10
Foxes - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		4	0	Lyssavirus (rabies)	0
		5	0	Lyssavirus (rabies)	0
		6	0	Lyssavirus (rabies)	0
		7	0	Lyssavirus (rabies)	0
		8	0	Lyssavirus (rabies)	0
		9	0	Lyssavirus (rabies)	0
		11	0	Lyssavirus (rabies)	0
		16	0	Lyssavirus (rabies)	0
Foxes - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	7
		2	2	Lyssavirus (rabies)	10
		3	3	Lyssavirus (rabies)	6
		4	4	Lyssavirus (rabies)	4
		5	5	Lyssavirus (rabies)	30
		11	11	Lyssavirus (rabies)	22
		19	19	Lyssavirus (rabies)	19
Goats - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	2
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
		17	0	Lyssavirus (rabies)	0
		28	2	Lyssavirus (rabies)	2
Goats - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		7	0	Lyssavirus (rabies)	0
Goats - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	1
		3	3	Lyssavirus (rabies)	3
		4	4	Lyssavirus (rabies)	4
Jackals - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		5	0	Lyssavirus (rabies)	0
		14	0	Lyssavirus (rabies)	0
Jackals - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Jackals - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
Jackals - wild - Veterinary clinics - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Lynx - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		3	1	Lyssavirus (rabies)	1
Lynx - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
Lynx - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2
Marten - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		3	1	Lyssavirus (rabies)	1
Marten - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
Mice - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Mice - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Pigs - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
Pigs - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		2	1	Lyssavirus (rabies)	1
Pigs - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2
Polecats - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		2	1	Lyssavirus (rabies)	1
Polecats - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Polecats - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2
Rats - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Rats - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Sheep - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
		5	0	Lyssavirus (rabies)	0
		12	0	Lyssavirus (rabies)	0
		34	0	Lyssavirus (rabies)	0
		66	0	Lyssavirus (rabies)	0
		128	0	Lyssavirus (rabies)	0
Sheep - mixed herds - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
		4	0	Lyssavirus (rabies)	0
		13	0	Lyssavirus (rabies)	0
Solipeds, domestic - donkeys - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Solipeds, domestic - horses - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
Solipeds, domestic - horses - Farm (not specified) - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Wild boars - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		3	0	Lyssavirus (rabies)	0
Wild boars - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		2	0	Lyssavirus (rabies)	0
Wild cat (Felis silvestris) - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2
		2	2	Lyssavirus (rabies)	2
Wild cat (Felis silvestris) - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2
Wolves - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
			1	Lyssavirus (rabies)	1
		7	1	Lyssavirus (rabies)	1
Wolves - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
		4	0	Lyssavirus (rabies)	0
Wolves - wild - Natural habitat - Romania - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	1	Lyssavirus (rabies)	2

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Cattle (bovine animals) - dairy cows - Farm (not specified) - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Typhimurium	0
				2	2	Salmonella - S. Enteritidis	0
Gallus gallus (fowl) - breeding flocks, unspecified - Farm (not specified) - Romania - environmental sample (not specified) - Control and eradication programmes - HACCP and own check - Census	herd/flock	383	N	358	28	Salmonella - S. Infantis	2
						Salmonella - S. Senftenberg	8
Gallus gallus (fowl) - breeding flocks, unspecified - Farm (not specified) - Romania - environmental sample (not specified) - Control and eradication programmes - Industry sampling - Census	herd/flock	383	N	358	28	Salmonella - S. Amsterdam	0
						Salmonella - S. Livingstone	2
						Salmonella - S. Meleagridis	2
						Salmonella - S. Senftenberg	2
						Salmonella - S. Taksony	4
Gallus gallus (fowl) - breeding flocks, unspecified - Farm (not specified) - Romania - environmental sample (not specified) - Control and eradication programmes - Official and industry sampling - Census	herd/flock	383	Y	358	20	Salmonella - S. Amsterdam	8
						Salmonella - S. Livingstone	2
						Salmonella - S. Meleagridis	2
						Salmonella - S. Senftenberg	6
						Salmonella - S. Taksony	8
Gallus gallus (fowl) - broilers - Farm (not specified) - Romania - environmental sample - boot swabs - Control and eradication programmes - HACCP and own check - Census	herd/flock	9435	N	8040	730	Salmonella - S. Abony	2
						Salmonella - S. Agona	8
						Salmonella - S. Anatum	15
						Salmonella - S. Bredeney	1
						Salmonella - S. Chester	8
						Salmonella - S. Dabou	1
						Salmonella - S. Enteritidis	17
						Salmonella - S. Havana	2
						Salmonella - S. Infantis	454
						Salmonella - S. Kentucky	61
						Salmonella - S. Kottbus	14
						Salmonella - S. Liverpool	7
						Salmonella - S. Livingstone	5
						Salmonella - S. Mbandaka	16
						Salmonella - S. Montevideo	7
						Salmonella - S. Orion	3
						Salmonella - S. Senftenberg	71
						Salmonella - S. Taksony	2
						Salmonella - S. Tennessee	34
						Salmonella - S. Thompson	2
Gallus gallus (fowl) - broilers - Farm (not specified) - Romania - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock	9435	N	1395	181	Salmonella - Other serovars	4
						Salmonella - S. Abony	2
						Salmonella - S. Agona	1
						Salmonella - S. Chester	2
						Salmonella - S. Infantis	98

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Gallus gallus (fowl) - broilers - Farm (not specified) - Romania - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock	9435	N	1395	181	Salmonella - S. Kentucky	18
						Salmonella - S. Kottbus	6
						Salmonella - S. Liverpool	2
						Salmonella - S. Mbandaka	9
						Salmonella - S. Montevideo	6
						Salmonella - S. Newport	2
						Salmonella - S. Orion	3
						Salmonella - S. Senftenberg	17
						Salmonella - S. Tennessee	9
						Salmonella - S. Thompson	1
						Salmonella - S. Typhimurium	1
Gallus gallus (fowl) - broilers - Farm (not specified) - Romania - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	9435	Y	9435	911	Salmonella - Other serovars	4
						Salmonella - S. Abony	4
						Salmonella - S. Agona	9
						Salmonella - S. Anatum	15
						Salmonella - S. Bredeney	1
						Salmonella - S. Chester	10
						Salmonella - S. Dabou	1
						Salmonella - S. Enteritidis	17
						Salmonella - S. Havana	2
						Salmonella - S. Infantis	552
						Salmonella - S. Kentucky	79
						Salmonella - S. Kottbus	20
						Salmonella - S. Liverpool	9
						Salmonella - S. Livingstone	5
						Salmonella - S. Mbandaka	25
						Salmonella - S. Montevideo	13
						Salmonella - S. Newport	2
						Salmonella - S. Orion	6
						Salmonella - S. Senftenberg	88
						Salmonella - S. Taksony	2
						Salmonella - S. Tennessee	43
						Salmonella - S. Thompson	3
						Salmonella - S. Typhimurium	1
Gallus gallus (fowl) - broilers - Veterinary clinics - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Gallinarum biovar Pullorum	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Romania - environmental sample (not specified) - Control and eradication programmes - HACCP and own check - Census	herd/flock	564	N	551	53	Salmonella - Other serovars	3
						Salmonella - S. Enteritidis	7
						Salmonella - S. Glostrup	1
						Salmonella - S. Gloucester	2
						Salmonella - S. Hadar	3
						Salmonella - S. Infantis	2

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Gallus gallus (fowl) - laying hens - Farm (not specified) - Romania - environmental sample (not specified) - Control and eradication programmes - HACCP and own check - Census	herd/flock	564	N	551	53	Salmonella - S. Kentucky	2
						Salmonella - S. Kottbus	2
						Salmonella - S. Typhimurium	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Romania - environmental sample (not specified) - Control and eradication programmes - Industry sampling - Census	herd/flock	564	N	551	53	Salmonella - S. Albany	2
						Salmonella - S. Enteritidis	5
						Salmonella - S. Infantis	6
						Salmonella - S. Kentucky	2
						Salmonella - S. Kottbus	8
						Salmonella - S. Livingstone	3
						Salmonella - S. Newport	3
						Salmonella - S. Typhimurium	2
Gallus gallus (fowl) - laying hens - Farm (not specified) - Romania - environmental sample (not specified) - Control and eradication programmes - Official and industry sampling - Census	herd/flock	564	Y	551	46	Salmonella - Other serovars	3
						Salmonella - S. Albany	2
						Salmonella - S. Enteritidis	5
						Salmonella - S. Glostrup	1
						Salmonella - S. Gloucester	2
						Salmonella - S. Hadar	3
						Salmonella - S. Infantis	8
						Salmonella - S. Kentucky	4
						Salmonella - S. Kottbus	10
						Salmonella - S. Livingstone	3
						Salmonella - S. Newport	3
						Salmonella - S. Typhimurium	2
Gallus gallus (fowl) - mixed flocks/holdings - Farm (not specified) - Romania - animal sample - faeces - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Typhimurium	0
Gallus gallus (fowl) - mixed flocks/holdings - Veterinary clinics - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	2	2	Salmonella - S. Gallinarum biovar Gallinarum	0
				3	3	Salmonella - S. Gallinarum biovar Gallinarum	0
Goats - animals over 1 year - Farm (not specified) - Romania - animal sample - organ/tissue - Surveillance - Industry sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Mbandaka	0
Goats - animals under 1 year - Farm (not specified) - Romania - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Objective sampling	animal		NA	2	2	Salmonella - S. Enteritidis	0
Goats - mixed herds - Farm (not specified) - Romania - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Objective sampling	animal		NA	2	2	Salmonella - S. Abortusovis	0
Pigs - fattening pigs - Farm (not specified) - Romania - animal sample - faeces - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Derby	0
				2	2	Salmonella - S. Derby	0
						Salmonella - S. Typhimurium	0
Pigs - fattening pigs - Farm (not specified) - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Derby	0
						Salmonella - S. Typhimurium	0
						Salmonella - S. Typhimurium, monophasic	0
Pigs - fattening pigs - Veterinary clinics - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Infantis	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Sheep - mixed herds - Veterinary clinics - Romania - animal sample - foetus/stillbirth - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Abortusovis	0
				3	3	Salmonella - S. Abortusovis	0
				5	5	Salmonella - S. Abortusovis	0
				7	7	Salmonella - S. Abortusovis	0
				9	9	Salmonella - S. Abortusovis	0
				14	14	Salmonella - S. Abortusovis	0
Sheep - mixed herds - Veterinary clinics - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Enteritidis	0
						Salmonella - S. Typhimurium	0
Turkeys - fattening flocks - Farm (not specified) - Romania - environmental sample - boot swabs - Control and eradication programmes - HACCP and own check - Census	herd/flock	260	N	171	0	Salmonella	0
Turkeys - fattening flocks - Farm (not specified) - Romania - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock	260	N	89	0	Salmonella	0
Turkeys - fattening flocks - Farm (not specified) - Romania - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	260	Y	260	0	Salmonella	0
Turkeys - mixed flocks/holdings - Farm (not specified) - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Typhimurium	0
Turkeys - mixed flocks/holdings - Veterinary clinics - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Gallinarum biovar Gallinarum	0
Wild boars - wild - Natural habitat - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		NA	1	1	Salmonella - S. Typhimurium	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Bakery products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Bakery products - pastry - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Bakery products - pastry - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	119	0	Salmonella - Salmonella spp., unspecified	0
Bakery products - pastry - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Bakery products - pastry - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Bakery products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	849	0	Salmonella - Salmonella spp., unspecified	0
Bakery products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	14	0	Salmonella - Salmonella spp., unspecified	0
Bakery products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	168	1	Salmonella - S. Enteritidis	1
Bakery products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	8	1	Salmonella - S. Enteritidis	1
Cheeses made from cows' milk - hard - Catering (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Catering (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	353	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	116	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	129	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Selective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	30	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	49	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Selective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	19	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	10	1	Salmonella - S. Enteritidis	1
Cheeses made from cows' milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Packing centre (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	19	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	51	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	72	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	178	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	615	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	65	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Selective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from goats' milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from goats' milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	30	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from goats' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Farm (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	39	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	16	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	28	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	18	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	63	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - soft and semi-soft - Farm (not specified) - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	32	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	174	0	Salmonella - Salmonella spp., unspecified	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	74	0	Salmonella - Salmonella spp., unspecified	0
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	23	0	Salmonella - Salmonella spp., unspecified	0
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	61	0	Salmonella - Salmonella spp., unspecified	0
Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	32	0	Salmonella - Salmonella spp., unspecified	0
Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Crustaceans - unspecified - Packing centre (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Crustaceans - unspecified - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - butter - Packing centre (not specified) - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	23	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	62	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	14	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	45	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	1	Salmonella - S. Enteritidis	1
Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	75	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - ice-cream - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - ice-cream - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	27	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	76	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	23	0	Salmonella - Salmonella spp., unspecified	0
Eggs - Farm (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	30	0	Salmonella - Salmonella spp., unspecified	0
Eggs - Packing centre (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Eggs - Packing centre (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Eggs - raw material (liquid egg) for egg products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	13	0	Salmonella - Salmonella spp., unspecified	0
Eggs - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	20	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Eggs - table eggs - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Eggs - table eggs - Farm (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	386	2	Salmonella - S. Enteritidis	2
Eggs - table eggs - Farm (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	30	1	Salmonella - S. Infantis	1
Eggs - table eggs - Packing centre (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1029	0	Salmonella - Salmonella spp., unspecified	0
Eggs - table eggs - Packing centre (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	79	0	Salmonella - Salmonella spp., unspecified	0
Eggs - table eggs - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Eggs - table eggs - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	74	0	Salmonella - Salmonella spp., unspecified	0
Eggs - table eggs - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	108	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - raw - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - raw - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - ready-to-eat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - smoked - Hospital or medical care facility - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - smoked - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Suspect sampling	batch	25	Gram	62	0	Salmonella - Salmonella spp., unspecified	0
Fishery products, unspecified - smoked - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Suspect sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Fruits - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Fruits - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Fruits - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Juice - fruit juice - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	15	0	Salmonella - Salmonella spp., unspecified	0
Juice - fruit juice - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Millilitre	2	0	Salmonella - Salmonella spp., unspecified	0
Juice - fruit juice - Packing centre (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	1	0	Salmonella - Salmonella spp., unspecified	0
Juice - fruit juice - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	28	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Juice - fruit juice - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	82	0	Salmonella - Salmonella spp., unspecified	0
Juice - vegetable juice - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	1	0	Salmonella - Salmonella spp., unspecified	0
Juice - vegetable juice - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Millilitre	2	0	Salmonella - Salmonella spp., unspecified	0
Juice - vegetable juice - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	2	0	Salmonella - Salmonella spp., unspecified	0
Live bivalve molluscs - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Live echinodermis, tunicates and gastropods - Farm (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	742	1	Salmonella - S. Enteritidis	1
Meat from bovine animals - fresh - Hospital or medical care facility - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	65	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	19	4	Salmonella - S. Ruzizi	1
Meat from bovine animals - fresh - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	28	2	Salmonella - S. Brandenburg	1
						Salmonella - S. Derby	1
Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	427	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	batch	400	Square centimetre	274	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	161	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Packing centre (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	96	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	8	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat from bovine animals - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	20	1	Salmonella - S. Typhimurium	1
Meat from bovine animals - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	135	1	Salmonella - S. Give	1
Meat from bovine animals - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - minced meat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	23	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - minced meat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	53	0	Salmonella - Salmonella spp., unspecified	0
Meat from bovine animals - minced meat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	26	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - carcase - Slaughterhouse - Romania - food sample - neck skin - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	797	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - carcase - Slaughterhouse - Romania - food sample - neck skin - Surveillance - Official sampling - Objective sampling	batch	25	Gram	136	15	Salmonella - S. Enteritidis	1
						Salmonella - S. Give	1
						Salmonella - S. Infantis	12
						Salmonella - S. Tennessee	1
Meat from broilers (Gallus gallus) - carcase - Slaughterhouse - Romania - food sample - neck skin - Surveillance - Official sampling - Selective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - carcase - Slaughterhouse - Romania - food sample - neck skin - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - fresh - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	4	Salmonella - S. Infantis	4
Meat from broilers (Gallus gallus) - fresh - Conservation facilities - Romania - food sample - meat - Surveillance - HACCP and own check - Suspect sampling	batch	25	Gram	5	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - fresh - Conservation facilities - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	73	9	Salmonella - S. Infantis	9
Meat from broilers (Gallus gallus) - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	42	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - fresh - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	16	3	Salmonella - S. Infantis	3
Meat from broilers (Gallus gallus) - fresh - Packing centre (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat from broilers (Gallus gallus) - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	18	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	21	4	Salmonella - S. Infantis	4
Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	170	16	Salmonella - S. Bredeney	1
						Salmonella - S. Hadar	2
						Salmonella - S. Infantis	14
Meat from broilers (Gallus gallus) - fresh - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	128	5	Salmonella - S. Bredeney	2
						Salmonella - S. Infantis	3
Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	394	24	Salmonella - S. Infantis	24
Meat from broilers (Gallus gallus) - meat preparation - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat preparation - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	11	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	21	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	82	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	18	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	14	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	16	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	40	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	29	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	25	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat from broilers (Gallus gallus) - meat products - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	53	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	35	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	30	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	108	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	17	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	54	4	Salmonella - S. Infantis	4
Meat from broilers (Gallus gallus) - minced meat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	27	0	Salmonella - Salmonella spp., unspecified	0
Meat from broilers (Gallus gallus) - minced meat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	1	Salmonella - S. Enteritidis	1
Meat from broilers (Gallus gallus) - offal - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	29	4	Salmonella - S. Brandenburg	1
						Salmonella - S. Infantis	3
Meat from horse - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - HACCP and own check - Objective sampling	batch	400	Square centimetre	26	0	Salmonella - Salmonella spp., unspecified	0
Meat from horse - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	batch	400	Square centimetre	28	0	Salmonella - Salmonella spp., unspecified	0
Meat from horse - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from horse - minced meat - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from other poultry species - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	138	5	Salmonella - S. Rissen	1
						Salmonella - S. Typhimurium	3
Meat from pig - fresh - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	13	1	Salmonella - S. Typhimurium	1
Meat from pig - fresh - Packing centre (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	1	Salmonella - S. Gloucester	1
Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	188	5	Salmonella - S. Typhimurium	1
Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	59	3	Salmonella - S. Derby	1
						Salmonella - S. Typhimurium	2
Meat from pig - fresh - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	1	Salmonella - S. Typhimurium	1

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat from pig - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	74	5	Salmonella - S. Derby	1
						Salmonella - S. Ruzizi	4
Meat from pig - fresh - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - HACCP and own check - Objective sampling	batch	400	Square centimetre	753	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	batch	400	Square centimetre	845	9	Salmonella - S. Bredeney	1
						Salmonella - S. Derby	2
						Salmonella - S. Infantis	1
						Salmonella - S. Typhimurium	5
Meat from pig - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - Official sampling - Selective sampling	batch	400	Square centimetre	19	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	73	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	6	2	Salmonella - S. Typhimurium	2
Meat from pig - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	7	2	Salmonella - S. Typhimurium	2
Meat from pig - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	521	2	Salmonella - S. Infantis	2
Meat from pig - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	40	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	10	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	228	1	Salmonella - S. Typhimurium	1
Meat from pig - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	13	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	20	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat preparation - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	18	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	50	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	1	Salmonella - S. Enteritidis	1
Meat from pig - meat products - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	17	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat from pig - meat products - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	355	2	Salmonella - S. Bredeney	1
						Salmonella - S. Muenster	1
Meat from pig - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	144	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	44	1	Salmonella - S. Typhimurium	1
Meat from pig - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	14	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	54	2	Salmonella - S. Derby	1
						Salmonella - S. Rissen	1
Meat from pig - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	26	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	5	1	Salmonella - S. Typhimurium	1
Meat from pig - meat products - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - minced meat - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	34	1	Salmonella - S. Infantis	1
Meat from pig - minced meat - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	10	Gram	1	1	Salmonella - S. Bredeney	1
Meat from pig - minced meat - Conservation facilities - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	5	1	Salmonella - S. Infantis	1
Meat from pig - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	80	3	Salmonella - S. Derby	2
						Salmonella - S. Infantis	1
Meat from pig - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	44	3	Salmonella - S. Typhimurium	3
Meat from pig - minced meat - Packing centre (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	55	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	808	6	Salmonella - S. Bredeney	1
						Salmonella - S. Derby	1
						Salmonella - S. Farsta	2
						Salmonella - S. Typhimurium	2
Meat from pig - minced meat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	165	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat from pig - minced meat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	184	1	Salmonella - S. Typhimurium	1
Meat from pig - minced meat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	77	1	Salmonella - S. Typhimurium	1
Meat from pig - minced meat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	10	Gram	17	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - minced meat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	1	1	Salmonella - S. Typhimurium	1
Meat from pig - minced meat - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	25	1	Salmonella - S. Rissen	1
Meat from pig - minced meat - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	14	0	Salmonella - Salmonella spp., unspecified	0
Meat from pig - offal - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	1	Salmonella - S. Typhimurium	1
Meat from poultry, unspecified - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Meat from poultry, unspecified - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	13	0	Salmonella - Salmonella spp., unspecified	0
Meat from poultry, unspecified - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from poultry, unspecified - meat products - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - fresh - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Selective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - fresh - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Selective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - HACCP and own check - Objective sampling	batch	400	Square centimetre	85	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - fresh - Slaughterhouse - Romania - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	batch	400	Square centimetre	96	1	Salmonella - S. Typhimurium	1
Meat from sheep - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	25	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Meat from sheep - minced meat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - fresh - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	16	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - fresh - Slaughterhouse - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - fresh - Slaughterhouse - Romania - food sample - neck skin - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - fresh - Slaughterhouse - Romania - food sample - neck skin - Surveillance - Official sampling - Selective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat from turkey - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - mechanically separated meat (MSM) - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	22	0	Salmonella - Salmonella spp., unspecified	0
Meat from turkey - minced meat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from wild game - birds - meat preparation - Game handling estabilishment - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat from wild game - birds - meat products - Game handling estabilishment - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from wild game - land mammals - fresh - Game handling estabilishment - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat from wild game - land mammals - meat preparation - Game handling estabilishment - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat from wild game - land mammals - meat products - Game handling estabilishment - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	85	1	Salmonella - S. Infantis	1
Meat, mixed meat - meat preparation - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	26	1	Salmonella - S. Gloucester	1
Meat, mixed meat - meat preparation - Hospital or medical care facility - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	67	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	1331	7	Salmonella - S. Infantis	3
						Salmonella - S. Muenster	1
						Salmonella - S. Typhimurium	3
Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	32	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat preparation - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	191	2	Salmonella - S. Typhimurium	2
Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	487	7	Salmonella - S. Derby	2
						Salmonella - S. Give	1
						Salmonella - S. Hadar	1
						Salmonella - S. London	1
						Salmonella - S. Typhimurium	2
Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	190	1	Salmonella - S. Brandenburg	1
Meat, mixed meat - meat preparation - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	10	Gram	16	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat, mixed meat - meat preparation - Slaughterhouse - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	82	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	122	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	186	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	753	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	23	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	27	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	34	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	58	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	40	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	40	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Selective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - meat products - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - minced meat - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	15	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	84	0	Salmonella - Salmonella spp., unspecified	0
Meat, mixed meat - minced meat - Cutting plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	32	1	Salmonella - S. Typhimurium	1
Meat, mixed meat - minced meat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	575	2	Salmonella - S. Infantis	2
Meat, mixed meat - minced meat - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	120	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Meat, mixed meat - minced meat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	10	Gram	197	4	Salmonella - S. Farsta	1
						Salmonella - S. Ruzizi	2
						Salmonella - S. Typhimurium	1
Meat, mixed meat - minced meat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	96	0	Salmonella - Salmonella spp., unspecified	0
Milk, cows' - pasteurised milk - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Millilitre	7	0	Salmonella - Salmonella spp., unspecified	0
Milk, cows' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Millilitre	1	0	Salmonella - Salmonella spp., unspecified	0
Milk, cows' - pasteurised milk - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Millilitre	3	0	Salmonella - Salmonella spp., unspecified	0
Milk, cows' - raw milk - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	1	1	Salmonella - S. Enteritidis	1
Milk, cows' - raw milk for manufacture - Processing plant - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	6	0	Salmonella - Salmonella spp., unspecified	0
Molluscan shellfish - shelled, shucked and cooked - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp., unspecified	0
Molluscan shellfish - shelled, shucked and cooked - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Molluscan shellfish - shelled, shucked and cooked - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	18	1	Salmonella - S. Enteritidis	1
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	652	2	Salmonella - S. Infantis	2
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	3	Salmonella - S. Enteritidis	3
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	5	1	Salmonella - S. Enteritidis	1
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	23	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	26	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	162	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	18	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	468	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	1	Salmonella - S. Enteritidis	1
Other processed food products and prepared dishes - unspecified - Retail - Romania - food sample - meat - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Other products of animal origin - gelatin and collagen - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Other products of animal origin - gelatin and collagen - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Other products of animal origin - gelatin and collagen - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Other products of animal origin - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	70	0	Salmonella - Salmonella spp., unspecified	0
Other products of animal origin - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Other products of animal origin - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Seeds, sprouted - ready-to-eat - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Seeds, sprouted - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Seeds, sprouted - ready-to-eat - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Snails - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	48	0	Salmonella - Salmonella spp., unspecified	0
Spices and herbs - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	56	0	Salmonella - Salmonella spp., unspecified	0
Spices and herbs - Retail - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - Catering (not specified) - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - Catering (not specified) - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	33	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - Processing plant - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - products - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - products - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - products - Processing plant - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	16	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - Retail - Romania - food sample - meat - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp., unspecified	0
Vegetables - Retail - Romania - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	97	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Compound feedingstuffs for cattle - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for cattle - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for cattle - process control - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for cattle - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	18	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for cattle - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for pigs - final product - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	35	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for pigs - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	79	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for pigs - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	21	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for pigs - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for pigs - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry (non specified) - final product - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	19	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry (non specified) - final product - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	143	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry (non specified) - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry (non specified) - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	39	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, breeders - final product - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, breeders - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, broilers - final product - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, broilers - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, broilers - final product - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	31	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, broilers - process control - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, broilers - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, broilers - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Compound feedingstuffs for poultry, laying hens - final product - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	16	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	6	Salmonella - S. Enteritidis	6
Compound feedingstuffs for poultry, laying hens - process control - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Compound feedingstuffs for poultry, laying hens - process control - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - barley derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - barley derived - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - maize derived - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - maize derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - maize derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - wheat derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Feed material of cereal grain origin - wheat derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - animal fat - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	50	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - animal fat - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	34	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - blood meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - dairy products - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - dairy products - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - meat and bone meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	90	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - meat feather meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	99	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - meat meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Feed material of land animal origin - protein meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	91	12	Salmonella - S. Cerro	5
						Salmonella - S. Livingstone	1
						Salmonella - S. Senftenberg	5
						Salmonella - S. Tennessee	1
Feed material of land animal origin - protein meal - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Selective sampling	batch	25	Gram	10	2	Salmonella - S. Cerro	2

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Feed material of marine animal origin - fish meal - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Feed material of marine animal origin - fish meal - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - linseed derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - other - Farm (not specified) - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - other - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - other - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - other oil seeds derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - other oil seeds derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	64	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	34	1	Salmonella - S. Senftenberg	1
Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	52	0	Salmonella - Salmonella spp., unspecified	0
Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	1	Salmonella - S. Infantis	1
Pet food - process control - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	14	0	Salmonella - Salmonella spp., unspecified	0
Pet food - Processing plant - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	33	0	Salmonella - Salmonella spp., unspecified	0
Premixtures - Feed mill - Romania - feed sample - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	17	0	Salmonella - Salmonella spp., unspecified	0
Premixtures - Feed mill - Romania - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp., unspecified	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Cheeses made from cows' milk - curd - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - curd - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - fresh - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - fresh - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	39	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	6	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	Staphylococcal enterotoxins	0
Cheeses made from sheep's milk - fresh - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Staphylococcal enterotoxins	0
Cheeses made from sheep's milk - fresh - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	Staphylococcal enterotoxins	0
Cheeses made from sheep's milk - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Staphylococcal enterotoxins	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Staphylococcal enterotoxins	0
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	22	0	Staphylococcal enterotoxins	0
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Cheeses, made from unspecified milk or other animal milk - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	10	0	Staphylococcal enterotoxins	0
Cheeses, made from unspecified milk or other animal milk - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Staphylococcal enterotoxins	0
Cheeses, made from unspecified milk or other animal milk - Retail - Romania - food sample - milk - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	35	0	Staphylococcal enterotoxins	0
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - butter - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	5	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - cream - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - fermented dairy products - Retail - Romania - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	8	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	7	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - yoghurt - Retail - Romania - food sample - milk - Surveillance - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Romania - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	2	Staphylococcal enterotoxins - Enterotoxin D	2

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Sheep - mixed herds - Farm (not specified) - Romania - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	13	6	Toxoplasma	6

Table TRICHINELLA in animal

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Bears - wild - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	83	26	Trichinella - T. britovi	9
				Trichinella - T. spiralis	2
				Trichinella - Trichinella spp., unspecified	15
Pigs - breeding animals - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	10116	2	Trichinella - T. spiralis	2
Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	4756	0	Trichinella	0
		129365	141	Trichinella - T. britovi	21
				Trichinella - T. spiralis	85
				Trichinella - Trichinella spp., unspecified	35
Pigs - fattening pigs - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	3107230	0	Trichinella	0
Solipeds, domestic - horses - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	5430	0	Trichinella	0
		7432	0	Trichinella	0
Wild boars - farmed - Slaughterhouse - Romania - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	5740	88	Trichinella - T. britovi	41
				Trichinella - T. spiralis	33
				Trichinella - Trichinella spp., unspecified	17

Table WEST NILE VIRUS in animal

Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination status	Total units tested	Total units positive	Zoonoses		N of units positive
Solipeds, domestic - horses - Farm (not specified) - Romania - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	No	45	0		West Nile virus	0
			161	4		West Nile virus	4
			206	4		West Nile virus	4

Foodborne Outbreaks: summarized data

		Outbreak strenght	Strong				Weak			
Causative agent	**Food vehicle**		**N outbreaks**	**N human cases**	**N hospitalized**	**N deaths**	**N outbreaks**	**N human cases**	**N hospitalized**	**N deaths**
Salmonella - S. Enteritidis	Buffet meals		2	99	66	0				
	Sweets and chocolate		1	25	25	0				
Salmonella - Salmonella spp., unspecified	Unknown						1	15	15	0
Staphylococcal enterotoxins - Enterotoxin D	Buffet meals		1	24	8	0				
Trichinella - T. spiralis	Pig meat and products thereof		5	75	31	0				
Trichinella - Trichinella spp., unspecified	Pig meat and products thereof		4	39	8	0				
Unknown	Other foods						1	4	4	0
	Cheese						7	50	17	0
	Unknown						5	48	25	0

Causative agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella - S. Enteritidis		General	Buffet meals	Breakfast: Bread and butter, meat products , sour cream, milk, cream crakers.	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	NOT AVAILABLE	Romania	Infected food handler		1	30	30	0
				Cold appetizers, hot snack, roasted meat	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	NOT AVAILABLE	Unknown	Infected food handler		1	69	36	0
			Sweets and chocolate	Bakery products - cakes	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	NOT AVAILABLE	Unknown	Unprocessed contaminated ingredient		1	25	25	0
Staphylococcal enterotoxins - Enterotoxin D		General	Buffet meals	Dairy products, meat dishes, vegetables	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	NOT AVAILABLE	Romania	Infected food handler	Staphylococcal enterotoxins D, G, I, J si R (were detected genes , 23SrRNA, sed, seg, sei, sej si ser).	1	24	8	0
Trichinella - T. spiralis		General	Pig meat and products thereof	Pig meat from backyards (not raised under controlled housing conditions)	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	NOT AVAILABLE	Romania	NOT AVAILABLE	Contamination from uncontrolled meat consumption	3	62	21	0

Causative agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Trichinella - T. spiralis		Household / domestic kitchen	Pig meat and products thereof	Pig meat from backyards (not raised under controlled housing conditions)	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	NOT AVAILABLE	Romania	NOT AVAILABLE	Contamination from uncontrolled meat consumption	2	13	10	0
Trichinella - Trichinella spp., unspecified		General	Pig meat and products thereof	Pig meat from backyards (not raised under controlled housing conditions)	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	NOT AVAILABLE	Romania	NOT AVAILABLE	Contamination from uncontrolled meat consumption	1	27	6	0
		Household / domestic kitchen	Pig meat and products thereof	Meat from wild boar - wild	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	NOT AVAILABLE	Romania	NOT AVAILABLE	Contamination from uncontrolled meat consumption	2	8	2	0
				Pig meat from backyards (not raised under controlled housing conditions)	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	NOT AVAILABLE	Romania	NOT AVAILABLE	Contamination from uncontrolled meat consumption	1	4	0	0

Causative agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella - Salmonella spp., unspecified		General	Unknown		Unknown	Take-away or fast-food outlet	Take-away or fast-food outlet	Unknown	NOT AVAILABLE		1	15	15	0
Unknown		General	Cheese	Cheeses, made from unspecified milk - fresh - made from raw milk	Unknown	Temporary mass catering (fairs or festivals)	NOT AVAILABLE	Romania	Infected food handler		1	33	4	0
			Unknown		Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	NOT AVAILABLE	Unknown	NOT AVAILABLE		2	28	9	0
						School or kindergarten	NOT AVAILABLE	Romania	NOT AVAILABLE		3	20	16	0
		Household / domestic kitchen	Other foods	Home-cooked food	Unknown	Household	NOT AVAILABLE	Romania	NOT AVAILABLE		1	4	4	0
			Cheese	Cheeses, made from unspecified milk - fresh - made from raw milk	Unknown	Household	NOT AVAILABLE	Romania	Infected food handler		6	17	13	0

Table Antimicrobial susceptibility testing of Campylobacter - C. coli in Turkeys - fattening flocks (not specified)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Streptomycin	Fluoroquinolones - Ciprofloxacin	Macrolides - Erythromycin	Quinolones - Nalidixic acid	Tetracyclines - Tetracycline
	ECOFF	**2**	**4**	**0.5**	**8**	**16**	**2**
	Lowest limit	**0.12**	**0.25**	**0.12**	**1**	**1**	**0.5**
	Highest limit	**16**	**16**	**16**	**128**	**64**	**64**
	N of tested isolates	**22**	**22**	**22**	**22**	**22**	**22**
MIC	**N of resistant isolates**	**0**	**6**	**22**	**1**	**22**	**10**
<=0.5							10
0.5		7					
<=1					21		
1		14					2
2		1	14				
4			2				
8				7			
16			2	7			
>16			4	8			
64						7	2
>64						15	8
>128					1		

Table Antimicrobial susceptibility testing of Campylobacter - C. coli in Gallus gallus (fowl) - broilers (not specified)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Streptomycin	Fluoroquinolones - Ciprofloxacin	Macrolides - Erythromycin	Quinolones - Nalidixic acid	Tetracyclines - Tetracycline
	ECOFF	**2**	**4**	**0.5**	**8**	**16**	**2**
	Lowest limit	**0.12**	**0.25**	**0.12**	**1**	**1**	**0.5**
	Highest limit	**16**	**16**	**16**	**128**	**64**	**64**
	N of tested isolates	**316**	**316**	**316**	**316**	**316**	**316**
MIC	**N of resistant isolates**	**12**	**67**	**260**	**51**	**249**	**191**
<=0.12		9		26			
<=0.25			10				
0.25		33		8			
<=0.5							83
0.5		98	9	22			
<=1					204	1	
1		118	28	10			25
2		46	127	5	14	4	17
4		4	75	30	19	19	10
8		2	17	76	28	24	4
16		2	13	69	8	19	17
>16		4	37	70			
32					5	25	23
64					7	67	40
>64						157	97
128					6		
>128					25		

Table Antimicrobial susceptibility testing of Campylobacter - C. jejuni in Turkeys - fattening flocks (not specified)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Streptomycin	Fluoroquinolones - Ciprofloxacin	Macrolides - Erythromycin	Quinolones - Nalidixic acid	Tetracyclines - Tetracycline
	ECOFF	**2**	**4**	**0.5**	**4**	**16**	**1**
	Lowest limit	**0.12**	**0.25**	**0.12**	**1**	**1**	**0.5**
	Highest limit	**16**	**16**	**16**	**128**	**64**	**64**
	N of tested isolates	**14**	**14**	**14**	**14**	**14**	**14**
MIC	**N of resistant isolates**	**0**	**3**	**12**	**0**	**11**	**10**
<=0.12		1		2			
<=0.5							4
0.5		9	1				
<=1					14		
1		3	3				
2		1	6				
4			1	2		1	
8			1	5		1	
16			1	4		1	1
>16			1	1			
32						1	1
64						4	4
>64						6	4

Table Antimicrobial susceptibility testing of Campylobacter - C. jejuni in Gallus gallus (fowl) - broilers (not specified)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Streptomycin	Fluoroquinolones - Ciprofloxacin	Macrolides - Erythromycin	Quinolones - Nalidixic acid	Tetracyclines - Tetracycline
	ECOFF	**2**	**4**	**0.5**	**4**	**16**	**1**
	Lowest limit	**0.12**	**0.25**	**0.12**	**1**	**1**	**0.5**
	Highest limit	**16**	**16**	**16**	**128**	**64**	**64**
	N of tested isolates	**447**	**447**	**447**	**447**	**447**	**447**
MIC	**N of resistant isolates**	**15**	**78**	**342**	**91**	**320**	**277**
<=0.12		32		50			
<=0.25			25				
0.25		84		21			
<=0.5							128
0.5		183	32	34			
<=1					277	10	
1		109	99	25			42
2		24	152	10	41	7	18
4		4	61	31	38	59	20
8		5	14	111	19	28	10
16		3	15	116	4	23	18
>16		3	49	49			
32					17	56	37
64					14	86	60
>64						178	114
128					11		
>128					26		

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

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

MIC	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
	N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				2										
0.03							2							
<=0.25					2			2						2
<=0.5		2												
1						2								
<=2													2	
2										1				
<=4											2			
4										1				
<=8			2											
16									2					
32												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				1										
0.12							1							
<=0.25					1			1						1
<=0.5		1												
1						1								
<=2													1	
<=4											1			
4										1				
<=8			1											
16									1					
32												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	<=0.03			1										
	0.03						1							
	<=0.25				1			1						1
	1	1				1								
	<=2												1	
	2									1				
	<=4										1			
	<=8		1											
	16								1					
	32											1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				2										
0.03							2							
<=0.25					2			2						2
<=0.5		2				2								
<=2													2	
2										2				
<=4											2			
<=8			2											
16									2					
32												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**5**	**0**	**4**	**0**	**1**
<=0.03				5										
0.03							2							
0.06							3							
<=0.25					5									2
<=0.5		5				5								
1								5						1
2														1
<=4											3			
4													5	
<=8			4											
8											2			
16			1						4					
>32														1
64									1	1				
>64										4				
128												1		
>1024												4		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**1**	**0**
0.06				1			1							
<=0.25					1									
<=0.5						1								
0.5								1						
1														1
2		1												
8											1			
16			1						1					
>64										1			1	
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				2										
0.03							2							
<=0.25					2			1						2
<=0.5		2				2								
0.5								1						
<=1										1				
<=2													2	
2										1				
<=4											2			
<=8			2											
8									2					
256												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
<=0.03				2										
0.03							1							
0.06				1										
0.12							1							
<=0.25					3			1						1
0.25							1							
<=0.5		1				1								
0.5														2
<=1										1				
1						2		2						
<=2													1	
2		1								2				
4		1											2	
<=8			3											
8									3		2			
128											1	1		
256												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1							
<=0.03				1										
<=0.25					1			1						1
<=0.5		1				1								
<=1										1				
<=2													1	
<=4											1			
<=8			1											
8									1					
64												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				4										
0.03							3							
0.06							1							
<=0.25					4			3						4
<=0.5		4				1								
0.5								1						
1						3								
<=2													3	
2										2				
<=4											4			
4										2			1	
<=8			4											
16									4			2		
32												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				2										
0.03							2							
<=0.25					2			2						2
<=0.5		2				2								
<=2													2	
2										2				
<=4											2			
<=8			2											
8									1					
16									1			1		
32												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.015							2							
<=0.03				4										
0.03							1							
<=0.25					4			2						2
<=0.5		2				4								
0.5							1	2						2
<=1										1				
<=2													4	
2										3				
<=4											3			
4									3					
<=8			4											
8									1					
32												1		
>32		2												
64												2		
>128											1			
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**
MIC	**N of resistant isolates**	**2**	**11**	**0**	**0**	**0**	**16**	**0**	**0**	**14**	**16**	**10**	**12**	**6**
<=0.03				5										
0.06				11										
<=0.25					16			4						1
0.25							2							
<=0.5		13				16								
0.5							7	12						6
1		1												3
<=2													4	
2										2				
4							4		5					
<=8			5											
8							2		11					1
>8							1							
16														2
32			2							1		2		2
>32		2												1
64			1									3	1	
>64										13			11	
128			6									1		
>128			2								16			
512												1		
>1024												9		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**0**
<=0.015							2							
<=0.03				5										
0.03							2							
<=0.25					5			4						4
<=0.5	5					5								
0.5							1	1						1
<=1										4				
<=2									1				4	
2										1				
<=4											4			
<=8			5											
8									4					
64												4		
>64													1	
128											1			
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.015							9							
<=0.03				10										
0.03							1							
<=0.25					10			8						9
<=0.5		9				10								
0.5								1						1
<=1										7				
1		1												
<=2													10	
2								1		1				
<=4											10			
4									7	1				
<=8			10											
8									3					
16										1				
32												2		
64												7		
128												1		

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Surveillance

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Kanamycin	Aminoglycosides - Streptomycin	Amphenicols - Chloramphenicol	Amphenicols - Florfenicol	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**16**	**16**	**16**	**0.5**	**2**	**0.06**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.25**	**4**	**2**	**2**	**2**	**0.06**	**0.25**	**0.008**	**0.5**	**4**	**8**	**1**	**0.5**
	Highest limit	**32**	**128**	**128**	**64**	**64**	**4**	**16**	**8**	**32**	**64**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**1**	**0**
0.12							1							
<=0.5														1
0.5								1	1					
1		1												
<=4			1											
4				1		1								
8					1									
>32										1				
64												1		
>64											1		1	

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

MIC	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Kanamycin	Aminoglycosides - Streptomycin	Amphenicols - Chloramphenicol	Amphenicols - Florfenicol	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**16**	**16**	**16**	**0.5**	**2**	**0.06**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.25**	**4**	**2**	**2**	**2**	**0.06**	**0.25**	**0.008**	**0.5**	**4**	**8**	**1**	**0.5**
	Highest limit	**32**	**128**	**128**	**64**	**64**	**4**	**16**	**8**	**32**	**64**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
	N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0.03									1					
<=0.06							1							
<=0.25								1						
<=0.5														1
0.5		1												
1										1				
2													1	
<=4			1								1			
4						1								
8				1	1									
16												1		

Table Antimicrobial susceptibility testing of Salmonella - S. Glostrup in Gallus gallus (fowl) - laying hens (not specified)

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

AM substance	Carbapenems - Ertapenem	Carbapenems - Imipenem	Carbapenems - Meropenem	Cephalosporins - Cefepime	Cephalosporins - Cefotaxime	Cephalosporins - Cefoxitin	Cephalosporins - Ceftazidime	Cephalosporins + ß lactamase inhibitores - Cefotaxime + Clavulanic acid	Cephalosporins + ß lactamase inhibitores - Ceftazidime + Clavulanic acid	Penicillins - Temocillin
ESBL genotype	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**
AMPC genotype	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**
CARBAPENEM genotype	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**
Cefotaxime synergy test	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**
Ceftazidime synergy test	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**
ECOFF	**0.06**	**1**	**0.125**	**0.125**	**0.5**	**8**	**2**	**0.5**	**2**	**32**
Lowest limit	**0.015**	**0.12**	**0.03**	**0.06**	**0.25**	**0.5**	**0.25**	**0.06**	**0.12**	**0.5**
Highest limit	**2**	**16**	**16**	**32**	**64**	**64**	**128**	**64**	**128**	**128**
N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC **N of resistant isolates**	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
0.03	1									
0.06			1							
0.25		1								
8								1		
16					1	1				
>32				1						
128							1		1	
>128										1

Table Antimicrobial susceptibility testing of Salmonella - S. Glostrup in Gallus gallus (fowl) - laying hens (not specified)

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**1**
0.06				1										
0.12							1							
<=0.5		1												
0.5								1						
2										1				
<=4											1			
>4					1									
<=8			1											
>8						1								
16									1				1	
32												1		
>32														1

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				1										
0.03							1							
<=0.25					1			1						1
<=0.5		1				1								
<=2													1	
2										1				
<=4											1			
4									1					
<=8			1											
128												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**0**	**1**	**0**
<=0.03				2										
0.03							1							
<=0.25					2			1						2
0.25							1							
<=0.5						1								
0.5								1						
1		2				1								
2										1				
<=4											1			
4									1				1	
<=8			2											
16									1					
32												2		
64													1	
>64										1				
>128											1			

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**2**	**0**	**0**	**1**	**1**
0.03							1							
0.06				1										
0.12				1										
<=0.25					1									
0.5					1		1							1
1	1					2		1						
2								1						
<=4											1			
4	1												1	1
<=8		1												
8									1		1			
16										1				
64		1												
>64									1	1			1	
256												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**217**	**217**	**217**	**217**	**217**	**217**	**217**	**217**	**217**	**217**	**217**	**217**	**217**
MIC	**N of resistant isolates**	**15**	**6**	**0**	**0**	**0**	**204**	**39**	**11**	**22**	**205**	**186**	**181**	**49**
<=0.015							6							
<=0.03				196										
0.03							4							
0.06				21			3							
<=0.25					180			8						121
0.25							1							
<=0.5		179				142								
0.5					37		54	45						36
<=1										14				
1		21				67	133	125						8
<=2									3				18	
2		2				8	4	38		95				3
<=4											10			
4		1					3	1	20	77			17	1
<=8			161									3		
8		2					3		68	9	2		1	
>8							6							
16		4	50						115	1			1	
32		1	3						8	1		13		
>32		7												48
64			1						1	2		13	1	
>64									2	18			179	
128			1								2	2		
>128			1								203			
1024												2		
>1024												184		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
MIC	**N of resistant isolates**	**3**	**7**	**0**	**0**	**0**	**95**	**30**	**2**	**5**	**94**	**87**	**84**	**22**
<=0.015							3							
<=0.03				78										
0.03							1							
0.06				21			1							
0.12				1										
<=0.25					82			9						33
0.25							6							
<=0.5		83				61								
0.5					18		27	8						32
<=1										6				
1		10				27	53	53						11
<=2									2				10	
2		4				12	9	28		26				2
<=4											2			
4		2						2	8	54			5	
<=8			53									1		
8		1							53	9	1		1	
16			40						35	1	3			
32			7						1	1		3	4	4
>32														18
64									1			7	2	
>64										3			78	
128											1	1		
>128											93			
256												1		
1024												3		
>1024												84		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**1**	**0**	**2**	**2**	**2**	**0**
<=0.03				2										
<=0.25					1									2
<=0.5		2												
0.5					1									
1						2	2	2						
4										2				
16			2						1					
32									1					
>64													2	
>128											2			
>1024												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

MIC	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
	N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**0**	**0**	**5**	**5**	**5**	**0**
<=0.03				5										
<=0.25					5									3
<=0.5		5				3								
0.5								1						2
<=1										1				
1						2	5	4						
2										2				
4										2				
<=8			2											
8									2					
16			3						3					
>64													5	
>128											5			
>1024												5		

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Kanamycin	Aminoglycosides - Streptomycin	Amphenicols - Chloramphenicol	Amphenicols - Florfenicol	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**16**	**16**	**16**	**0.5**	**2**	**0.06**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.25**	**4**	**2**	**2**	**2**	**0.06**	**0.25**	**0.008**	**0.5**	**4**	**8**	**1**	**0.5**
	Highest limit	**32**	**128**	**128**	**64**	**64**	**4**	**16**	**8**	**32**	**64**	**1024**	**64**	**32**
	N of tested isolates	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
MIC	**N of resistant isolates**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**7**	**0**	**7**	**7**	**7**	**2**
0.12							5							
<=0.25		7												
0.25							2							
<=0.5														5
0.5								2						
1								5	7					
<=4			7											
4										7				
16					7	7								
32				7										
>32														2
>64											7		7	
>1024												7		

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Surveillance

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Kanamycin	Aminoglycosides - Streptomycin	Amphenicols - Chloramphenicol	Amphenicols - Florfenicol	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**16**	**16**	**16**	**0.5**	**2**	**0.06**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.25**	**4**	**2**	**2**	**2**	**0.06**	**0.25**	**0.008**	**0.5**	**4**	**8**	**1**	**0.5**
	Highest limit	**32**	**128**	**128**	**64**	**64**	**4**	**16**	**8**	**32**	**64**	**1024**	**64**	**32**
	N of tested isolates	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**
MIC	**N of resistant isolates**	**0**	**0**	**23**	**0**	**0**	**0**	**0**	**27**	**0**	**27**	**23**	**23**	**0**
0.03									3					
0.12							2							
<=0.25		1												
0.25							17							
<=0.5														20
0.5		19					11	11	2					
1		5						19	13					10
<=2					4									
2		5							8	5			3	
<=4			30								3			
4						3				15			4	
8				7	8	6				10				
>8									4					
16					18	21								
32				6										
64				15								7		
>64											27		23	
>128				2										
>1024												23		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**
MIC	**N of resistant isolates**	**23**	**0**	**0**	**0**	**0**	**25**	**5**	**1**	**24**	**25**	**24**	**24**	**0**
<=0.03				20										
0.06				6			1							
<=0.25					24			2						19
<=0.5		3				6								
0.5					2			10						6
1						15	1	9						1
<=2													1	
2						5		5						
4									1	2			1	
<=8			24											
8							6		23		1			
>8							18							
16		12	2						1					
32		6										1		
>32		5												
64									1			1	2	
>64										24			22	
>128											25			
>1024												24		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**	**18**
MIC	**N of resistant isolates**	**18**	**0**	**0**	**0**	**0**	**18**	**2**	**0**	**18**	**15**	**15**	**12**	**0**
<=0.03				11										
0.06				7										
<=0.25					18			6						11
<=0.5						10								
0.5								7						5
1						5		3						2
<=2									3					
2						3	3	2						
4	3								5				3	
<=8		17												
8	3						8		6		3		3	
>8							7							
16	6	1							4				3	
32	3									3	3			
>32	3													
64										6				
>64										9			9	
>128											12			
256												3		
512												3		
>1024												12		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**1**	**1**	**0**
<=0.03				1										
<=0.25					1									1
1								1						
2						1								
<=8			1											
8									1					
>8							1							
32		1												
>64										1			1	
>128											1			
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**2**	**2**	**2**	**2**	**0**
<=0.03				2										
<=0.25					2									2
0.5								2						
1						2								
<=8			2											
8									2					
>8							2							
16		2												
>64										2			2	
>128											2			
>1024												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**0**	**0**	**0**
<=0.015							2							
<=0.03				9										
0.03							7							
0.06				1										
<=0.25					10			6						9
0.25							1							
<=0.5		8				7								
0.5								2						1
<=1										4				
1						3		2						
<=2													10	
2		1								5				
<=4											8			
4									1					
<=8			10									1		
8									5		1			
16									4			1		
32												5		
>32		1												
64												2		
>64										1				
128												1		
>128											1			

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**
<=0.015							4							
<=0.03				5										
0.06				1			1							
<=0.25					6			4						5
<=0.5		5				5								
0.5								2						1
<=1										4				
1		1				1	1							
<=2													5	
2										2				
<=4											4			
4													1	
<=8			6									1		
8									5		1			
16									1			1		
32											1	2		
64												1		
256												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				1										
0.03							1							
<=0.25					1									1
<=0.5		1				1								
0.5								1						
<=2													1	
2										1				
<=4											1			
<=8			1											
16									1					
32												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**0**	**5**	**3**	**1**	**5**	**0**
<=0.03				6										
0.03							1							
<=0.25					6			1						3
<=0.5		5				5								
0.5							4	4						3
<=1										1				
1		1				1		1						
<=2													1	
<=4											1			
4									4					
<=8			6											
8									2					
>8							1							
16											2			
32											2	4		
64												1		
>64										5			5	
>128											1			
1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**6**	**1**	**0**	**4**	**1**	**3**	**3**	**3**
<=0.03				5										
0.06				1										
<=0.25					6			2						3
<=0.5		5				5								
0.5							3	3						
<=1										2				
1		1				1	3							
<=2													3	
2								1						
4									3					
<=8			6											
8									3					
16											5			
32											1			
>32														3
64												1		
>64										4			3	
128												1		
256												1		
>1024												3		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

MIC	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
	N of resistant isolates	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**2**	**0**	**2**	**0**	**0**
<=0.03				1										
0.06				1										
<=0.25					2			1						1
<=0.5		2				1								
0.5							1	1						
1						1	1							
<=2													2	
2														1
4									1					
<=8			2											
16									1		2			
>64										2				
>1024												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**0**	**0**	**5**	**5**	**5**	**0**
<=0.03				5										
<=0.25					5									5
<=0.5		5				5								
0.5							5	1						
1								4						
2										4				
4									5					
<=8			4											
8										1				
16			1											
64													1	
>64													4	
>128											5			
>1024												5		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1							
<=0.03				3										
0.03							2							
<=0.25					3			3						2
<=0.5		3				3								
0.5														1
<=2													3	
2										3				
<=4											3			
<=8			3											
8									2					
16									1					
64												3		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**	**12**
MIC	**N of resistant isolates**	**1**	**1**	**0**	**0**	**0**	**2**	**0**	**0**	**2**	**0**	**1**	**0**	**1**
<=0.015							5							
<=0.03				12										
0.03							5							
0.12							1							
<=0.25					12			12						10
<=0.5		8				12								
0.5							1							1
<=1										10				
1		2												
<=2													12	
2		1												
<=4											11			
4									1					
<=8			11											
8		1							11		1			
>32														1
64												6		
>64										2				
128												5		
>128			1											
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**1**
<=0.015							9							
<=0.03				9										
<=0.25					9			7						7
<=0.5	9					9								
0.5								2						
<=1										7				
1														1
<=2													9	
2										1				
<=4											9			
<=8		9												
8									9					
>32														1
64												7		
>64										1				
128												1		
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**4**	**1**	**0**	**0**	**4**	**4**	**4**	**0**
<=0.015							2							
<=0.03				6										
<=0.25					6			1						6
<=0.5		5				6								
0.5							4	1						
<=1										4				
1		1						3						
<=2													2	
2								1		2				
<=4											2			
4									4					
<=8			6											
8									2					
16												1		
64												1		
>64													4	
>128											4			
>1024												4		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**6**	**0**	**0**	**1**	**6**	**3**	**4**	**3**
<=0.03				6										
<=0.25					6									3
<=0.5		3				3								
0.5							3	6						
1		2				3	3							
<=2													1	
2										1				
4		1								2			1	
<=8			5											
8									6	2				
16			1											
32												2		1
>32														2
64										1		1	4	
>128											6			
1024												2		
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**2**	**1**	**0**	**2**	**2**	**0**	**2**	**0**
0.06				2										
<=0.25					1									
<=0.5						2								
0.5					1									
1		1					2	1						2
2		1						1						
16			2						2					
32											1			
64											1			
>64										2			2	
128												1		
256												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**1**	**0**
<=0.03				1										
<=0.25					1									1
<=0.5		1				1								
0.5							1	1						
<=8			1											
8									1					
16											1			
>64										1			1	
128												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**2**	**0**	**0**	**0**
<=0.03				2										
<=0.25					2			1						2
0.25							1							
<=0.5		2				1								
0.5								1						
<=1										1				
1						1	1							
<=2													1	
2										1				
4													1	
<=8			1									2		
8									1					
16			1						1					
64											1			
128											1			

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**2**	**0**	**0**	**0**
<=0.03				3										
0.03							1							
<=0.25					3			1						1
<=0.5		3				1								
0.5								2						2
1						2	2							
<=2													1	
2										2				
<=4											1			
4									1	1			2	
<=8			3									2		
8									1					
16									1					
32											2			
64												1		

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

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Carbapenems - Ertapenem	Carbapenems - Imipenem	Carbapenems - Meropenem	Cephalosporins - Cefepime	Cephalosporins - Cefotaxime	Cephalosporins - Cefoxitin	Cephalosporins - Ceftazidime	Cephalosporins + ß lactamase inhibitores - Cefotaxime + Clavulanic acid	Cephalosporins + ß lactamase inhibitores - Ceftazidime + Clavulanic acid	Penicillins - Temocillin
	ESBL genotype	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**
	AMPC genotype	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**
	CARBAPENEM genotype	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**	**NOT AVAILABLE**
	Cefotaxime synergy test	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**
	Ceftazidime synergy test	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**	**Negative/Absent**
	ECOFF	**0.06**	**1**	**0.125**	**0.125**	**0.5**	**8**	**2**	**0.5**	**2**	**32**
	Lowest limit	**0.015**	**0.12**	**0.03**	**0.06**	**0.25**	**0.5**	**0.25**	**0.06**	**0.12**	**0.5**
	Highest limit	**2**	**16**	**16**	**32**	**64**	**64**	**128**	**64**	**128**	**128**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**2**	**2**	**2**	**2**	**2**	**2**	**0**
<=0.015		1									
<=0.03				2							
0.03		1									
<=0.12			2								
0.5					1						
1					1						
8											1
16						1			2	1	1
32						1		2		1	
>64							2				

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

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

MIC	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**34**	**33**	**34**	**34**
	N of resistant isolates	**6**	**0**	**0**	**2**	**2**	**14**	**2**	**1**	**17**	**6**	**14**	**7**	**5**
<=0.015							2							
<=0.03				30										
0.06				4			18							
0.12							3							
<=0.25					28			8						13
<=0.5		23				21								
0.5					4		5	4						14
<=1										1				
1		4				8	5	20						2
<=2													7	
2		1				3		2		6				
<=4											3			
4									3	9			18	
>4					2									
<=8			17											
8									10	1	18		2	
>8						2	1							
16		1	17						20		7			
32		3										11		
>32		2												5
64											1	4		
>64									1	17			7	
128											1	3		
>128											4			
256												1		
>1024												14		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**
MIC	**N of resistant isolates**	**6**	**9**	**0**	**0**	**0**	**15**	**9**	**6**	**4**	**5**	**7**	**3**	**5**
<=0.03				7										
0.03							2							
0.06				9										
0.12				1			11							
<=0.25					9			1						3
<=0.5		6				3								
0.5					8		1	5						4
1		4				5	3	2						4
<=2													1	
2		1				9		8						1
4		3						1	1	8			3	2
<=8			3											
8									4	5	2		10	
16			5						6		10			
32		3	9						6		2	4	1	
>32														3
64												1		
>64										4			2	
128												3		
>128											3			
256												2		
512												1		
>1024												6		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.015							1							
<=0.03				2										
0.03							1							
<=0.25					2			2						2
<=0.5		2				2								
<=1										1				
<=2													2	
<=4											2			
4									1					
<=8			2											
8									1					
32												2		
>64										1				

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**5**	**2**	**1**	**2**	**4**	**3**	**3**	**0**
<=0.015							2							
<=0.03				14										
0.03							8							
0.06				1										
<=0.25					13			5						11
0.25							3							
<=0.5		9				12								
0.5					2			2						4
<=1										7				
1		4				3	2	6						
<=2													12	
2		1						1		3				
<=4											10			
4										2				
<=8			15									1		
8								1	10	1	1			
16									4				1	
32												1		
>32		1												
64									1			8		
>64										2			2	
128												2		
>128											4			
>1024												3		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**2**	**1**	**0**	**0**
<=0.03				4										
0.03							4							
0.06				4			2							
<=0.25					7			2						
0.25							2							
<=0.5		3				4								
0.5					1									7
<=1										1				
1		2				4		6						1
<=2													3	
2		3								7				
4													5	
<=8			3											
8									2		6			
16			5						6					
64												3		
128											1	3		
>128											1			
256												1		
>1024												1		

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Surveillance

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Kanamycin	Aminoglycosides - Streptomycin	Amphenicols - Chloramphenicol	Amphenicols - Florfenicol	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**16**	**16**	**16**	**0.5**	**2**	**0.06**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.25**	**4**	**2**	**2**	**2**	**0.06**	**0.25**	**0.008**	**0.5**	**4**	**8**	**1**	**0.5**
	Highest limit	**32**	**128**	**128**	**64**	**64**	**4**	**16**	**8**	**32**	**64**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**2**	**0**	**2**	**2**	**2**	**0**
<=0.5														2
0.5		2					2							
1								2						
2									2					
<=4			2											
8										2				
16					2	2								
32				2										
>64											2		2	
>1024												2		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0.03							1							
0.06				1										
<=0.25					1									
<=0.5						1								
0.5														1
1		1						1						
2										1				
4													1	
<=8			1											
8											1			
16									1					
128												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							1							
<=0.03				2										
0.03							1							
<=0.25					2									2
<=0.5		2				2								
0.5								2						
<=2													2	
2										2				
<=4											2			
4									1					
<=8			2											
8									1					
32												1		
64												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**1**	**1**	**0**
<=0.03				1										
0.06				1			1							
0.12							1							
<=0.25					2									1
<=0.5	1					2								
0.5								1						1
<=1										1				
1								1						
<=4											1			
<=8		2												
8									2		1		1	
16												1		
32													1	
>32	1													
>64										1				
>1024												1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**
	<=0.03			1										
	0.03						1							
	<=0.25				1									1
	<=0.5	1				1								
	0.5							1						
	2									1				
	<=4										1			
	<=8		1											
	8								1					
	>64												1	
	>1024											1		

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of Origin: Romania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03				2										
0.03							2							
<=0.25					1			1						
<=0.5		2				2								
0.5					1			1						2
<=2													2	
2										1				
<=4											2			
4									2	1				
<=8			2											
128												2		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified in Turkeys - fattening flocks (not specified)

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

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

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of OriginRomania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.25**	**0.5**	**0.064**	**1**	**16**	**8**	**16**	**64**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**38**	**38**	**38**	**38**	**38**	**38**	**38**	**38**	**38**	**38**	**38**	**38**	**38**
MIC	**N of resistant isolates**	**18**	**30**	**0**	**0**	**0**	**34**	**0**	**8**	**33**	**29**	**28**	**32**	**20**
<=0.015							3							
<=0.03				35										
0.03							1							
0.06				2										
0.12				1			1							
<=0.25					38			19						12
0.25							4							
<=0.5		12				38								
0.5							3	12						4
1		4					1	7						2
<=2									3				4	
2		4					1							
<=4											4			
4		1					2		14	2			2	
<=8			8									4		
8							5		11	3	4			
>8							17							
16		3							2		1	1	2	
32		3	3						5		1	5		
>32		11												20
64			8						2		1		5	
>64									1	33			25	
128			6								2			
>128			13								25			
1024												1		
>1024												27		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers (not specified)

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

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON pnl2

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of OriginRomania

	AM substance	Carbapenems - Ertapenem		Carbapenems - Imipenem		Carbapenems - Meropenem		Cephalosporins - Cefepime		Cephalosporins - Cefotaxime		Cephalosporins - Cefoxitin		Cephalosporins - Ceftazidime		Cephalosporins + ß lactamase inhibitores - Cefotaxime + Clavulanic acid		Cephalosporins + ß lactamase inhibitores - Ceftazidime + Clavulanic acid		Penicillins - Temocillin	
	ESBL genotype	NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE	
	AMPC genotype	NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE	
	CARBAPENEM genotype	NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE	
	Cefotaxime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
	Ceftazidime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
	ECOFF	0.06	0.06	0.5	0.5	0.125	0.125	0.125	0.125	0.25	0.25	8	8	0.5	0.5	0.5	0.5	2	2	32	32
	Lowest limit	0.015	0.015	0.12	0.12	0.03	0.03	0.06	0.06	0.25	0.25	0.5	0.5	0.25	0.25	0.06	0.06	0.12	0.12	0.5	0.5
	Highest limit	2	2	16	16	16	16	32	32	64	64	64	64	128	128	64	64	128	128	64	64
	N of tested isolates	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MIC	N of resistant isolates	0	0	0	0	0	0	10	10	15	15	8	8	15	15	8	8	7	7	0	0
<=0.015		6	3																		
<=0.03						6	9														
0.03			5																		
<=0.06									1							6					
0.06			1																		
<=0.12				6	7													6			
0.12								2	2												
0.25					2			1	4												
0.5								2	1		1						1				
1											1				1		1		1		
2								1	1			1		1			1		1	2	1
4										5	5	4		1	1		6		4	1	2
8											2	1	1	3	4				3	2	5
16														1	3					1	1
32													1								
64										1			7								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers (not specified)

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

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

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of OriginRomania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.25**	**0.5**	**0.064**	**1**	**16**	**8**	**16**	**64**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**	**170**
MIC	**N of resistant isolates**	**52**	**82**	**0**	**15**	**15**	**156**	**0**	**28**	**131**	**150**	**128**	**129**	**95**
	<=0.015						9							
	<=0.03			156										
	0.03						4							
	0.06			12			1							
	0.12			2			4							
	<=0.25				155			112						46
	0.25						9							
	<=0.5	50				155								
	0.5						8	49						23
	1	45			3		11	9						6
	<=2								10				26	
	2	23				2	4			8				
	<=4										11			
	4	13			6	3	16		42	23			12	2
	>4				6									
	<=8		72									9		
	8	7				3	51		64	8	3		3	2
	>8					7	53							
	16	12	16						26	2	6	16	4	2
	32	5	16						14	1		14	6	4
	>32	15												85
	64		12						10	10	4	3	31	
	>64								4	118			88	
	128		19								7			
	>128		35								139			
	256											1		
	1024											7		
	>1024											120		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers (not specified)

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

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

Analytical Method: Micromethod dilution (in microtiter plate) (not specified)

Country of OriginRomania

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.125**	**0.25**	**0.5**	**0.064**	**1**	**16**	**8**	**16**	**64**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**128**	**1024**	**64**	**32**
	N of tested isolates	**689**	**689**	**689**	**689**	**689**	**689**	**689**	**689**	**689**	**689**	**689**	**689**	**689**
MIC	**N of resistant isolates**	**210**	**342**	**0**	**0**	**0**	**644**	**0**	**135**	**497**	**610**	**532**	**505**	**398**
	<=0.015						33							
	<=0.03			635										
	0.03			2			9							
	0.06			44			3							
	0.12			8			16							
	<=0.25				689			478						172
	0.25						33							
	<=0.5	205				689								
	0.5						55	167						92
	<=1									3				
	1	190					45	44						17
	<=2								45				132	
	2	84					16			53				10
	<=4										45			
	4	29					81		198	101			38	10
	<=8		293									59		
	8	24					223		203	35	17		14	4
	>8						175							
	16	56	54						108	12	17	54	13	5
	32	39	44						68	7	9	39	36	17
	>32	62												362
	64		55						41	27	12	5	107	
	>64								26	451			349	
	128		103								31	7		
	>128		140								558			
	256											2		
	512											7		
	1024											23		
	>1024											493		