ZOONOSES MONITORING

Slovakia

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 Slovakia 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

Central Evidence of Animals, statistics, District Veterinary and Food Administrations in the Slovak Republic

Dates the figures relate to and the content of the figures

31 December 2014

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

In Europe the bovine tuberculosis belongs still to the serious disease in humans and animals. The disease situation in TBC occurrence, in pursuance of the definition of the International Animal Health Code OIE is a territory of the country free of bovine tuberculosis in cattle till the prevalence of infected herds does not exceed 0,2% of totally bred herds. This condition fulfilled also Slovakia as to 4.3.2005 (Commission Decision No. 2005/179/EC).In Slovakia bovine tuberculosis was controlled within the national eradication programme in the second half of the last century. In the years 1990-1999 the decrease of bovine tuberculosis incidence in cattle was recorded in Slovakia. With the decreasing incidence of bovine tuberculosis in cattle also decrease of bovine tuberculosis in other animals was recorded in Slovakia.The last occurrence of M.bovis in bovine animals in Slovakia was in year 1992, owner of agricultural cooperative Tupa, District Levice.

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

Slovakia is officially free of tuberculosis. Last occurrence of M. bovis in cattle was in 1992.

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

Recent actions taken to control the zoonoses

Tuberculin test in cattle and pigs.Bacteriological examination after slaughtering of positive reactors and in case of evidence of a significant changes indicating tuberculosis

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

On the basis of Commission Decision 2005/179/EC Slovak Republic is officially free of tuberculosis.

Free regions

All regions in Slovak Republic are officially free of tuberculosis.

Monitoring system

Sampling strategy

Positive reagents in simple tuberculin test are examined by comparative test earliest in 6-8 weeks, repeatedly positively reacted animals for bovine tuberculin are slaughtered and their lymphnodes are additionally examined laboratory in the respective NRL for bovine tuberculosis. Tuberculosis changes identified in routine veterinary-hygienic examination of slaughtered bovine animals are also laboratory examined.

Frequency of the sampling

in case of positive intravital tests - reagents for tuberculin, TBC changes at slaughterhouses

Type of specimen taken

lymph nodes according to district competence, in valuable animals - lung lavage

Methods of sampling (description of sampling techniques)

3- packing, label, application form (accompanying report), cool 2-8 C, or freezing, taking into so called sample, transport to NRL

Case definition

detailed description

Diagnostic/analytical methods used

1. pathological-anatomical examination-Imprint preparation (Z-N)-Sediment preparation (Z-N)2. cultivation - macroscopic and microscopic control in 1st, 4th, 6th, 9th week.In case of positive findings:3. isolation 4. typing- biochemical typing, PCR, genotyping Examinations are covered by state (Veterinary prevention and protection).

Vaccination policy

vaccination is not performed

Other preventive measures than vaccination in place

isolation of reagents, announcement of outbreak

Control program/mechanisms

The control program/strategies in place

. control programmes, procedures on the spot : intravital diagnostics, isolation. current actions for the purpose of zoonosis control: surveillance

Recent actions taken to control the zoonoses

A) Single intradermal tuberculin test by mammalian tuberculin:Examine-once per year 20% of holdings in the district - all cattle over 24 months of age-once per year new holding registered in 2014 all cattle over 24 months-once per year bulls in insemination centre and bulls used for natural breeding, tests should be performed up to 12 months since the last examination.-young bulls before the basic selection,-in holdings with evidence of a significant changes indicating tuberculosis within post mortem inspection (suspicion of the tuberculosis) is the officially tuberculosis-free herd status suspended and tuberculination of all animals over six weeks of age is performed (immediately in the case if minimum 42 days elapsed after the last tuberculination)-in case of undiscriminated examinations in quarantine, feminine animals over 6 weeks of age intended for breeding and production and breeding bulls over 6 weeks of age (except slaughter) from third countries and tuberculosis non-free member states. Within examination take account to date of last tuberculination (over 42 days). B) Intradermal comparative test by mammalian tuberculin and avian tuberculin used for intradermal comparative test:a) in the holdings with presence of positive reactors to mammalian tuberculin in the single intradermal tuberculin test-suspend the officially tuberculosis-free herd status-slaughter the positive reactor-carry out all prescribed examinations of the positive reagent-the status of the herd shall remain suspended until such time as all laboratory examinations have been completed - if the presence of tuberculosis is not confirmed by laboratory examinations, the suspension of the officially tuberculosis-free status may be lifted following an intradermal comparative test of all animals over six weeks of age with negative results at least 42 days after the removal of the reactor animalOr2. if there is a suspicion of false positive test reaction or interference test reaction-suspend the officially tuberculosis-free herd status-isolate the positive reactor-the officially tuberculosis-free status may be lifted following an intradermal comparative test of all animals over six weeks of age with negative results performed at least 42 days after single intradermal test performanceb) in the holdings with inconclusive reactors to single intradermal tuberculin test with mammalian tuberculin (also when last single intradermal tuberculin test was performed previous year and reasonable suspicion of false positive reaction or interference reaction is in place as result e.g. presence of different mycobacteriae, evidence M. avium subsp. M. paratuberculosis, etc.), further test to clarify the status of inconclusive reactors the intradermal comparative test have to be used.Intradermal comparative test inconclusive reactors are subjected to repetitive test after at least 42 days. If the animals after repeated intradermal comparative test are not negative, shall be deemed to be positive reactors - these animals are removed from the herd and after their slaughter, laboratory and epizootical examination is performed.If tuberculosis is not confirmed, all animals over six weeks of age are subjected to another intradermal comparative test which is performed after at least 42 days from the removal of the positive reactor .If the tuberculosis is confirmed, the officially tuberculosis-free status is to be withdrawn and the procedure of the Governmental ordinance 280/2003 Coll. on animal health problems affecting intra-Community trade in bovine animals and swine should be followed.c) In the holdings with positive M.bovis or M.avium microbiological result and in the case of staff tuberculosis affectionC) Bacteriological examination-after slaughtering of positive reactors-case of evidence of a significant changes indicating tuberculosisMeasures in case of the positive findings or single casesslaughtering, additional laboratory

Measures in case of the positive findings or single cases

slaughtering, additional laboratory examination, notification from National Reference Laboratory to State Veterinary and Food Administration of the Slovak Republic and SVFA notify to EU

Notification system in place

District veterinarian or inspector notify suspect or positive findings to DVFA, RVFA and SVFAResults of examinations: are notified from National Reference Laboratory to State Veterinary and Food Administration of the Slovak Republic.

Results of the investigation

See in relevant tables.

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

Liquidation of brucellosis in the years 1959 - 1964 was mainly based on antibody proof. In the Slovak Republic the vaccination was never used in liquidation of brucellosis and it was proceeded only by radical or elimination method in recovering of the holding. In case of detection of suspicion on presence of bovine brucellosis, a respective veterinary administration authority immediately issued measures for the respective holding in order to confirm or exclude the disease in the holding, it mainly restricted movement from the holding, ordered separate stabling of infected animals or animals suspected from the disease, from healthy animals, ensured taking of suitable samples for laboratory examination.Ordered measures were cancelled only after an official ruling out of bovine brucellosis in the holding the negative result of the laboratory examination.In case of confirmation of brucellosis the outbreak of the disease was defined and it was proceeded either using the radical or elimination method of eradication of the holding.

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

Slovakia is officially free of brucellosis (B.melitensis, B. abortus).

Recent actions taken to control the zoonoses

Within the framework of Plan of veterinary prevention and protection of state territory in 2014 continuous monitoring of epidemiological situation through monitoring of anibodies against Brucella in holdings was carried out in 2014. Detection of postinfection anti-brucella antibodies was performed within targeted intravital diagnostics in case of suspicion that aborts of female animals were caused by Brucella and within preventive diagnostics in holdings.Except cattle, sheep and goats, plan of veterinary prevention and protection includes monitoring of brucellosis in pigs.In the Slovak Republic there is obligatory to notify abort cases at which the suspicion from being happened due to the brucellosis occurrence exists, and such cases are examined by the competent veterinary administration authority. After abort there is obligation to examine animal in interval of 21 days. Stillbirths and placenta are tested bacteriologically for presence of brucella.

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

Slovakia is officially free of brucellosis based on Commission Decision 2005/179/ES.

Free regions

All regions are free of brucellosis.

Monitoring system

Sampling strategy

Samples are taken within the frame of monitoring system or in case of abort.-Examination of blood samples serologically:-once per year 20% of holdings in the district - all animals over 24 months of age-once per year new holding registered in 2014 all cattle over 24 month-once per year bulls in insemination centre and bulls used for natural breeding and before basic selection of young breeding bulls, tests should be performed up to 12 months since the last examination.-in case of undiscriminated examinations in quarantine, feminine animals over 12 months of age intended for breeding and production and breeding bulls over 12 months of age (except slaughter) from third countries and brucelosis non-free member states.-in case of abort animals are tested serologically and bacteriologically

Frequency of the sampling

Samples are taken once per year within the frame of monitoring system.In case of abort, cows are tested two times in interval of 21 days.

Type of specimen taken

Blood, foetus, placenta or other tissues for bacteriological identification

Case definition

An animal is considered to be infected with Brucella spp. in case of positive serological test results and the epidemiological situation of the herd indicates the possibility that a brucella infection has been introduced to the herd and in case bacteriological isolation of the agent.

Diagnostic/analytical methods used

Diagnostic methods used are presented in the Annex 4 of the Ordinance of the Government of the Slovak Republic No.280/2003 Coll. of 9 July 2003 on health problems affecting the trade with bovine animals and porcine animals it is the full transposition of the Annex C of the Council Directive 64/ 432 / EECSerological tests: Serum agglutination test, Complement fixation test, Rose Bengal test, ELISABacteriological tests: Cultivation, isolation and identification of bacteria genus BrucellaIdentification of bacteria (biotype) Biochemical testsAgglutination in monospecific antiseraTyping with bacteriophagsMolecular tests: Real-time PCR

Vaccination policy

In SR the vaccination has been never used.

Control program/mechanisms

The control program/strategies in place

Slovak Republic free of brucellosis (B.melitensis) based on Commission Decision 2005/179/ES. For retention this status there is performing surveillance according Plan of veterinary prevention and protection of state territory in 2014. Competent authority has to inform owners about requirements to retain status of official brucellosis free country and prophylactic and diagnostic actions. Owner is responsible to perform these actions. Registration of farm in Central Evidence of Animals is requirement for declaration of the status. New registered farms in Central Evidence of Animals retain status unknown, till fulfilling of requirements for declaration of status free of brucellosis or officially free of brucellosis. In case of significant discounts in identification and registration of animals in Central Evidence found within controls on spot is status of free of brucellosis or officially free of brucellosis suspended or withdrawal. The condition of movement between holdings on the territory of the Slovak Republic is issuing of an accompanying document on holding classification by official veterinarian in place of origin of animals. The condition of issuing of this document is the fulfilment of criteria for registration of farm and identification of animals, clinical investigation of breeding animals and animals for production and the fulfilment of criteria for retention of the officially free status During the time of suspicion which lasts until the negative results of tests mentioned in the previous paragraph are obtained, in case of the herd of the origin or transit or the suspected animal and herds epizoologically connected with it, the status of officially recognized as brucellosis-free will be suspended.Bovine animals moved into the herd must originate from herds officially recognized as brucellosis-free status, and in case of bovine animals older than 12 months, it must have the titer of antibodies less than 30 IU agglutination for ml in given serum-aglutination test performed in compliance with Annex 4 of the Ordinance of the Government of the Slovak Republic No. 280/2003 Coll. on health problems affecting the trade with bovine animals and porcine animals, or they reacted negatively on each other test approved in accordance with EU requirements during 30 days before the date of introduction into the herd.

Recent actions taken to control the zoonoses

-continuous monitoring of epidemiological situation through monitoring of anibodies against Brucella in holdings -obligatory notification of abort cases

Measures in case of the positive findings or single cases

Each bovine animal suspicious of brucellosis is subject to the official epizootological examination for brucellosis consisting of minimum 2 serological blood tests, including complement fixation test (CFT) and microbiological examination of appropriate samples.During the time of suspicion which lasts until the negative results of tests mentioned in the previous paragraph are obtained, in case of the herd of the origin or transit or the suspected animal and herds epizootologically connected with it, the status of officially recognized as brucellosis-free will be suspended.

Notification system in place

In the Slovak Republic there is obligatory to notify abort cases at which the suspicion from being happened due to the brucellosis occurrence exists, and such cases are examined by the competent veterinary administration authority.Each bovine animal suspicious of brucellosis infection shall be notified to the competent veterinary administration authority and is subject to the official epizootological examination for brucellosis consisting of minimum 2 serological blood tests, including complement fixation test (CFT) and microbiological examination of appropriate samples.

Results of the investigation

See tables.

2.2.2.2 B. melitensis in animal - Goats

Status as officially free of caprine brucellosis during the reporting year

The entire country free

The whole territory Slovak Republic is officially free of sheep and goat brucellosis in accordance with Commission Decision No. 97/232/ES.The disease has never been found in the Slovak Republic.

Free regions

All regions are free of caprine brucellosis.

Monitoring system

Sampling strategy

Examination of individual blood samples serologically- once a year there are investigated 5% of female animals from each herd over 6 months of age- once a year all breeding he-goats- in case of abort, animals are tested both serologically and bacteriologically

Frequency of the sampling

- once a year according to Plan of veterinary prevention and protection of state territory in 2014"- blood samples of the animals in case of abort are tested two times in interval of 21 days

Type of specimen taken

Blood, foetus, placenta

Case definition

An animal is considered to be infected with Brucella spp. in case of positive serological test results and the epidemiological situation of the herd indicates the possibility that a brucella infection has been introduced to the herd and in case bacteriological isolation of the agent.

Diagnostic/analytical methods used

According to Council Directive 64/432/EEC and OIE diagnostics techniques:Serological tests: Serum agglutination test, Complement fixation test, Rose bengal test, ELISABacteriological tests: Cultivation, isolation and identification of bacteria genus BrucellaIdentification of bacteria (biotype)Biochemical testsAgglutination in monospecific antiseraTyping with bacteriophagsReal-time PCR

Vaccination policy

vaccination is not performed

Control program/mechanisms

The control program/strategies in place

National compulsory monitoring programme was organised by the competent authority - State Veterinary and Food Administration of Slovak republic according to Plan of veterinary prevention and protection of state territory in 2014.

Notification system in place

In the Slovak Republic there is obligatory to notify abort cases at which the suspicion from being happened due to the brucellosis occurrence exists, and such cases are examined by the competent veterinary administration authority.

Results of the investigation

See tables.

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

The disease has never been found in the Slovak Republic.

2.2.2.3 B. melitensis in animal - Sheep

Status as officially free of ovine brucellosis during the reporting year

The entire country free

The whole territory Slovak Republic is officially free of sheep and goat brucellosis inaccordance with Commission Decision No. 97/232/ES.The disease has never been found in the Slovak Republic.

Free regions

All regions are free of ovine brucellosis.

Monitoring system

Sampling strategy

Examination of individual blood samples serologically-once a year there are investigated 5% of female animals from each herd over 6 months of age -once a year all breeding rams-in case of abort, animals are tested both serologically and bacteriologically

Frequency of the sampling

-once a year according to Plan of veterinary prevention and protection of state territory in 2014"-blood samples of the animals in case of abort are tested two times in interval of 21 days

Type of specimen taken

Blood, foetus, placenta

Methods of sampling (description of sampling techniques)

Case definition

An animal is considered to be infected with Brucella spp. in case of positive serological test results and the epidemiological situation of the herd indicates the possibility that a brucella infection has been introduced to the herd and in case bacteriological isolation of the agent.

Diagnostic/analytical methods used

According to Council Directive 64/432/EEC and OIE diagnostics techniques:Serological tests: Serum agglutination test, Complement fixation test, Rose bengal test, ELISABacteriological tests: Cultivation, isolation and identification of bacteria genus BrucellaIdentification of bacteria (biotype)Biochemical testsAgglutination in monospecific antiseraTyping with bacteriophagsReal-time PCR

Vaccination policy

Vaccination is not performed.

Other preventive measures than vaccination in place

Control program/mechanisms

The control program/strategies in place

National compulsory monitoring programme was organised by the competent authority - State Veterinary and Food Administration of Slovak republic according to Plan of veterinary prevention and protection of state territory in 2014.

Notification system in place

In the Slovak Republic there is obligatory to notify abort cases at which the suspicion from being happened due to the brucellosis occurrence exists, and such cases are examined by the competent veterinary administration authority.

Results of the investigation

See tables.

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

The disease has never been found in the Slovak Republic.

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

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

Recent actions taken to control the zoonoses

Recent actions taken to control the zoonoses- official samples of foodstuffs taken by inspectors- official controls of farm animal feed manufacturing- in animals, samples were taken in case of ill or dead animals, - national eradication programms and surveys related to poultry.

3.1.2 Salmonella in foodstuffs

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

Results of the investigation

3.1.2.2 Salmonella spp. in food

Monitoring system

Sampling strategy

All obtained data were collected from the State Veterinary and Food Institutes, the State Veterinary Institute, Public Health Authorities in Slovakia. The samples comprised of official samples taken by inspectors of the Veterinary and FoodAdministrations according direction of State Veterinary and Food Administration Plan for sampling and laboratory examination if products of animal origin for official controls, according Regulation (EC) No 2073/2005 and within direction of SVFA the target control of sheep cheese samples taken directly in special sheep farm establishments.The Public Health Authority of the Slovak Republic (PHA of the SR) and Regional Health Authorities in the Slovak Republic (RHA in the SR) performed the sampling of foodstuffs and raw materials in compliance with the multi-annual national plan of the official control carried out by public health authorities and its updating for the current year and according Regulation (EC) No 2073/2005.Samples are taken also in case of suspicion or consumers incentive.All samples were tested in accordance with standardized international methods STN EN ISO 6579/A1. Samples of foodstuffs were taken at all stages of food chain.

Frequency of the sampling

according to sampling plan, in case of suspicion or consumers incentive

Type of specimen taken

According Regulation (EC) No 2073/2005

Definition of positive finding

According Regulation (EC) No 2073/2005

Diagnostic/analytical methods used

Bacteriological method: STN EN ISO 6579/A1:2008

Preventive measures in place

According Regulation (EC) No 2073/2005

Control program/mechanisms

The control program/strategies in place

All obtained data were collected from the State Veterinary and Food Institutes, the State Veterinary Institute, Public Health Authorities in Slovakia.The samples comprised of official samples taken by inspectors of the Veterinary and FoodAdministrations according direction of State Veterinary and Food Administration Plan for sampling and laboratory examination if products of animal origin for official controls and according Regulation (EC) No 2073/2005.The Public Health Authority of the Slovak Republic (PHA of the SR) and Regional Health Authorities in the Slovak Republic (RHA in the SR) performed the sampling of foodstuffs and raw materials in compliance with the multi-annual national plan of the official control carried out by public health authorities and according Regulation (EC) No 2073/2005.Samples are taken also in case of suspicion or consumers incentive.All samples were tested in accordance with standardized international methods STN EN ISO 6579/A1.Samples of foodstuffs were taken at all stages of food chain.

Measures in case of the positive findings or single cases

According Regulation (EC) No 2073/2005

Notification system in place

Rapid Alert System

Results of the investigation

See relevant tables.

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

3.1.3 Salmonella in animals

3.1.3.1 Salmonella spp. in animal

Monitoring system

Sampling strategy

In animals are samples for salmonella collected by the indication, in samples of dead and diseased animals in the national control programs relating primarily poultry. The method used was the programs ISO 6579/A1: 2008 (Annex D), other samples from clinical specimens were examined by the standard method according to EN ISO 6579, OIE and Bergey's Manual. Within national control programs are sampling and investigation carried out according respective guidelines.

Frequency of the sampling

Animals at farm

In the case of suspicion of the disease occurrence, according control programs

Type of specimen taken

Animals at farm

The rectal swabs, excrements, carcasses or organs from dead animals are sent for the investigation. according control programs

Diagnostic/analytical methods used

Animals at farm

EN ISO 6579, OIE and Bergey's Manual

Control program/mechanisms

The control program/strategies in place

According relevant legislation there are performed poultry control programmes.Monitoring of Salmonella in other animals has not been performed in Slovak Republic. Owner or farmer at own charge took samples in case of suspicion of disease.

Results of the investigation

See relevant tables.

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

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

Monitoring system

Sampling strategy

Diagnostic/analytical methods used

Animals at farm

Animals at slaughter (herd based approach)

Notification system in place

Results of the investigation

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

Monitoring system

Sampling strategy

Broiler flocks

The target for the reduction of Salmonella Enteritidis and Salmonella Typhimurium (including monophasic strains 1,4,[5],12:i:-) in broilers shall be annual reduction of the maximum percentage of flocks of broilers remaining positive of Salmonella Enteritidis and Salmonella Typhimurium (including monophasic strains 1,4,[5],12:i:-) to 1 % or less.The control programme is yearly evaluated. Official sampling at the level of poultry flocks are organized and carried out by the relevant district veterinary and food administration, which also take measures in the case of positive results. Sampling on the initiative of the food business operator is carried out by private veterinarians. Flocks of broilers shall be sampled: A.sampling on the initiative of the food business operator - sampling on the initiative of the food business operator shall take place within three weeks before the birds are moved to the slaughterhouse.The competent authority may decide to sample at least one flock of broilers per round on holdings with several flocks if:an all in/all out system is used;the same management applies to all flocks;feed and water supply is common to all flocks;during one year and at least six rounds, Salmonella spp were tested according to the monitoring scheme set out in point (b) in all flocks on the holding and samples of all flocks of at least one round were taken by the competent authority; andall results from the testing for Salmonella enteritidis or Salmonella typhimurium were negative.B.sampling by the competent authority (official sampling)i.Sampling by the competent authority shall include each year at least 1 flock from 10 % of the holdings within district with more than 5 000 birds. It shall be done on a risk basis each time the competent authority considers it necessary. district veterinary and food administrations with 10 or less broiler holdings in competence must perform official sampling in at least one holding and samples must be taken from at least one flock within holdingdistrict veterinary and food administrations with 11 or more broiler holdings in competence must perform official sampling at least in 2 holdings and and samples must be taken from at least one flock within holding.District veterinary and food administration must in risk assessment take into account incidence of salmonella in relevant holding in previous turns and incidence of salmonella in broiler from relevant holding at slaughterhouse. ii.One sampling carried out by the competent authority may replace the sampling on the initiative of the food business operator.

Frequency of the sampling

Broiler flocks: Rearing period

Broiler flocks: Before slaughter at farm

Type of specimen taken

Methods of sampling (description of sampling techniques)

Broiler flocks: Before slaughter at farm

SAMPLING PROTOCOLAt least two pairs of boot/sock swabs shall be taken.For free range flocks of broilers, samples shall only be collected in the area inside the house.All boot/sock swabs must be pooled into one sample.In flocks with less than 100 broilers, where it is not possible to use boot/sock swabs as access to the houses is not possible, they may be replaced by hand drag swabs, where the boot swabs or socks are worn over gloved hands and rubbed over surfaces contaminated with fresh faeces, or if not feasible, by other sampling techniques for faeces fit for the intended purpose.Before putting on the boot/sock swabs, their surface shall be moistened with maximum recovery diluents (MRD: 0,8 % sodium chloride, 0,1 % peptone in sterile deionised water), or sterile water or any other diluents approved by the national reference laboratory referred to in point 5 of this programme. 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. Alternatively, boot swabs or socks may be autoclaved with diluents within autoclave bags or jars before use. Diluents may also be applied after boots are put on using a spray or wash bottle. It shall be ensured that all sections in a house are represented in the sampling in a proportionate way. 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.Competent authority may decide to replace one samples of boot/sock swabs with 100g dust sample collected from several places in holding using one or more fabric swabs.

Case definition

Broiler flocks: Day-old chicks

Broiler flocks: Before slaughter at farm

A flock of broilers shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella enteritidis and/or Salmonella typhimurium (other than vaccine strains) was detected in the flock at any occasion.Positive flocks of broilers shall be counted only once per round, irrespective of the number of sampling and testing operations and only be reported in the year of the first positive sampling.Where the presence of Salmonella enteritidis and Salmonella typhimurium is not detected but antimicrobials or bacterial growth inhibitory effect are detected, it shall be considered as an infected flock of broilers for the purpose of the Community target.

Broiler flocks: At slaughter (flock based approach)

Diagnostic/analytical methods used

Broiler flocks: Day-old chicks

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Broiler flocks: Before slaughter at farm

Bacteriological method: STN EN ISO 6579/A1:2008

Other preventive measures than vaccination in place

Broiler flocks

Movement of poultry shall be carried out only in compliance with the classification of holdings which is performed for purposes of the prevention and control of infectious diseases and according to the health situation in the holding in relation to this disease. Movement is subject to the veterinary control and is carried out in compliance with the Ordinance No 297/2003 Coll.

Control program/mechanisms

The control program/strategies in place

Broiler flocks

Act No. 39/2007 Coll. on veterinary careRegulation of the European Parliament and of the Council No 2160/2003/EC of 17. November 2003 on the control of salmonella and other specified food-borne zoonotic agents, on the basis of which must Member States draw up national programmes for control of salmonellae Ordinance of the Government of the Slovak Republic No 626/2004 Coll., on the monitoring of zoonoses and zoonotic agents Commission Regulation (EC) No 1177/2006 of 1. August 2006 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultryCommission Regulation (EC) No 646/2007 of 12 June 2007 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Community target for the reduction of the prevalence of Salmonella enteritidis and Salmonella typhimurium in broilers and repealing Regulation (EC) No 1091/2005Commission Regulation (EC) No 200/2012

Measures in case of the positive findings or single cases

Broiler flocks: Rearing period

Broiler flocks: Before slaughter at farm

When invasive serovars are confirmed in broiler flock the relevant district veterinary and food administration starts to carry out the epizootological investigation in order to detect the source of contamination.The measures must comply with the following minimum requirements:1.After slaughtering of infected flocks safe disposal of manure or litter must be carried out in accordance with procedure laid down by the competent veterinary administration authority.2.A thorough cleansing and disinfection must be carried out of the building.3.After cleaning and disinfection must be performed the effectiveness check by taking of swabs from the superficies of the house, which are designated for bacteriological investigation to the NRL. Houses can be restocked only when results of bacteriological investigation of control swabs are negative for invasive salmonella.

Broiler flocks: At slaughter (flock based approach)

Notification system in place

Owner or holder of broilers is obliged to notify the suspicion and outbreak of Salmonella infection without any delay, according to 37 of the Act No. 39/2007 Coll. In case of breaking the law an owner or holder committed an offence according to 48 of the Act No. 39/2007 Coll. and administrative infringement according to the 50.The state veterinary laboratories in the Slovak Republic notify the results of all examinations of broiler flocks to the relevant district veterinary and food administrations, owners and private veterinarians.Where as a result of monitoring carried out the presence of Salmonella enteritidis, Salmonella typhimurium is detected in a broiler flock, the person responsible for the laboratory carrying out the examination, the person carrying out the examination or the owner of the flock notify the results to the relevant district veterinary and food administration. The District Veterinary and Food Administrations notify results in the annual report to the State Veterinary and Food Administration of the Slovak Republic (they send the notification for information to the Regional Veterinary and Food Administration).

Results of the investigation

See relevant table.

3.1.3.4 Salmonella spp. in animal - Pigs

Monitoring system

Sampling strategy

Breeding herds

Multiplying herds

Fattening herds

Diagnostic/analytical methods used

Breeding herds

Multiplying herds

Fattening herds at farm

Fattening herds at slaughterhouse (herd based approach)

Notification system in place

Results of the investigation

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

Monitoring system

Sampling strategy

Laying hens flocks

The target for the reduction of Salmonella enteritidis and Salmonella typhimurium (including monophasic strains 1,4,[5],12:i:-) in adult laying hens of Gallus Gallus shall be an annual minimum percentage of reduction of positive flocks of adult laying hens equal to at least 10 % if the prevalence in the preceding years was less then 10%. The control programme is yearly evaluated. Monitoring in day-old chicks and during rearing period in 2014 was not compulsory.The sampling frame shall cover adult flocks of adult laying hens of Gallus gallus (laying flocks).Adult laying flocks shall be sampled:I. by the operator Sampling by the operator shall take place at least every fifteen weeks. The first sampling shall take place at the age of 24 2 weeks.II. by the competent authority (official sampling)Sampling by the competent authority shall take place at least:a.in one flock per year per holding comprising at least 1 000 birds;b.at the age of 24 2 weeks in laying flocks housed in buildings where salmonella was detected in the preceding flock;c.in any case of suspicion of Salmonella enteritidis or Salmonella typhimurium infection, as a result of the epidemiological investigation of food-borne outbreaks in accordance with Ordinance No. 626/2004 Coll. transposing Directive of the European Parliament and of the Council No. 2003/99/EC d.in all other laying flocks on the holding in case Salmonella enteritidis or Salmonella typhimurium are detected in one laying flock on the holding;e.official confirmatory sample of production flocks of laying hens for confirmation of positive result of samples taken by the operator or positive official sample. f. in case of detection of invasive salmoenlla in pullets two weeks before moving to laying phase - 1 week after moving to laying phaseg.in cases where the competent authority considers it appropriate.A sampling carried out by the competent authority may replace one operator sampling.Official checks at the level of poultry flocks are organized and carried out by the relevant District Veterinary and Food Administration, which also take measures in the case of positive results. Sampling in poultry flocks is carried out by private veterinarians. Official confirmation samples are taken and sent for laboratory examination by official veterinarians from the relevant District Veterinary and Food Administrations.

Frequency of the sampling

Laying hens: Rearing period

Laying hens: Production period

Type of specimen taken

Laying hens: Day-old chicks

Methods of sampling (description of sampling techniques)

Laying hens: Production period

In the case of sampling by the operator:In order to maximise sensitivity of sampling, both faecal material and the environment shall be sampled at least:a.In cage flocks, 2 150 grams of naturally pooled faeces shall be taken from all belts or scrapers in the house after running the manure removal system; however, in the case of step cage houses without scrapers or belts 2 150 grams of mixed fresh faeces must be collected from 60 different places beneath the cages in the dropping pits..b.In barn or free-range houses, two pairs of boot swabs or socks be taken, without changing overboots between boot swabs.In the case of sampling by the competent authority: a.In cage flocks, 3 150 grams of naturally pooled faeces shall be taken from all belts or scrapers in the house after running the manure removal system; however, in the case of step cage houses without scrapers or belts 3 150 grams of mixed fresh faeces must be collected from 60 different places beneath the cages in the dropping pits..b.In barn or free-range houses, three pairs of boot swabs or socks be taken, without changing overboots between boot swabs.

Case definition

Laying hens: Production period

Positive laying flocks or infected flocks - a laying flock shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella enteritidis and Salmonella typhimurium (other than vaccine strains) was detected in one or more samples in the laying flock. Positive laying flocks shall be counted only once, irrespective of the number of sampling and testing operations and only be reported in the first year of detection. Where the presence of Salmonella enteritidis and Salmonella typhimurium is not detected but antimicrobials or bacterial growth inhibitory effect are it shall be accounted for as an infected laying flock for the purpose of the Community target.

Diagnostic/analytical methods used

Laying hens: Production period

Bacteriological method: STN EN ISO 6579/A1:2008

Laying hens: Before slaughter at farm

Laying hens: At slaughter

Eggs at packing centre (flock based approach)

Vaccination policy

Laying hens flocks

Use of vaccines and antimicrobials in the framework of this programme must be realized according to Commission Regulation (EC) No. 1177/2006 of 1. August 2006 implementing Regulation (EC) No. 2160/2003 as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultry.Vaccination programme against Salmonella enteritidis shall be applied in 2011 at least during rearing phase to all laying hens.Vaccination is allowed in laying hens in the Slovak Republic using death or live marked vaccines registered by the Institute for the State Control of Veterinary Biological and Medicaments in Nitra. Live salmonella vaccines for which the manufacturer does not provide an appropriate method to distinguish bacteriological wild type strains of salmonella from vaccine strains shall not be used. Application of live attenuated vaccines to laying hens during the laying phase is prohibited. Vaccination in laying hens of Gallus gallus will be mandatory in 2011 in the Slovak Republic.

Other preventive measures than vaccination in place

Laying hens flocks

Movement of poultry shall be carried out only in compliance with the classification of holdings which is performed for purposes of the prevention and control of infectious diseases and according to the health situation in the holding in relation to this disease. Movement is subject to the veterinary control and is carried out in compliance with the Ordinance No 297/2003 Coll. and movement from third countries in compliance with Ordinance No 216/2009 Coll.

Control program/mechanisms

The control program/strategies in place

Laying hens flocks

The legal basis of the control programme is:Act No. 39/2007 Coll. on veterinary careRegulation of the European Parliament and of the Council No 2160/2003/EC of 17. November 2003 on the control of salmonella and other specified food-borne zoonotic agents, on the basis of which must Member States draw up national programmes for control of salmonellae Ordinance of the Government of the Slovak Republic No 626/2004 Coll., on the monitoring of zoonoses and zoonotic agents Commission Regulation (EC) No. 517/2011 of 25 May 2011 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Union target for the reduction of the prevalence of certain Salmonella serotypes in laying hens of Gallus gallus and amending Regulation (EC) No 2160/2003 and Commission Regulation (EU) No 200/2010Commission Regulation (EC) No 1177/2006 of 1. August 2006 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultry

Recent actions taken to control the zoonoses

National control programme for Salmonella infections in laying hens Gallus Gallus in Slovak Republic in 2013Control of movement of poultry and hatching eggsVaccinationMeasures in case of positive finding described below

Measures in case of the positive findings or single cases

Laying hens flocks

The measures must comply with the following minimum requirements:1)no bird may leave the house concerned unless the competent authority has authorized the slaughter and safe destruction under supervision or slaughter in a slaughterhouse designated by the competent authority.2)When birds from infected flocks are slaughtered or destroyed, steps must be taken to reduce the risk of spreading zoonoses as far as possible. Slaughtering must 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 If not destined for human consumption, such products must be used or disposed of in accordance with Regulation (EC) No. 1774/2002.3)A thorough cleansing and disinfection must be carried out after slaughtering or destruction from infected flocks, including safe disposal of manure or litter, in accordance with procedure laid down by the competent veterinary administration authority.4)After cleaning and disinfection must be performed the effectiveness check5)Eggs originating from flocks with unknown health status, that are suspected of being infected or from infected flocksmay be used for human consumption only if treated in a manner that guarantees the elimination of all salmonella serotypes with public health significance;Labelled according legislation

Notification system in place

Owner or holder of broilers is obliged to notify the suspicion and outbreak of Salmonella infection without any delay, according to 37 of the Act No. 39/2007 Coll. In case of breaking the law an owner or holder committed an offence according to 48 of the Act No. 39/2007 Coll. and administrative infringement according to the 50.The state veterinary laboratories in the Slovak Republic notify the results of all examinations of rearing and adult laying flocks to the competent District Veterinary and Food Administrations, to farmer and private veterinarian. The District Veterinary and Food Administrations notify in the stated date the monthly report on the results to the State Veterinary and Food Administration of the Slovak Republic (they send the notification for information to the Regional Veterinary and Food Administration).Where as a result of monitoring carried out the presence of Salmonella enteritidis, Salmonellatyphimurium is detected in a laying flock, the person responsible for the laboratory carrying out the examination, the person carrying out the examination or the owner of the flock notify the results to the competent District Veterinary and Food Administration. District Veterinary and Food Administratiion take measures in holding and without delay inform State Veterinary and Food Admionistration of the Slovak Republic.

Results of the investigation

See relevant table.

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

3.1.3.6 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)

The target for the reduction of Salmonella Enteritidis, Salmonella Hadar, Salmonella Infantis, Salmonella Typhimurium (including monophasic strains 1,4,[5],12:i:-) and Salmonella Virchow in breeding flocks of Gallus gallus shall be a reduction of the maximum percentage of adult breeding flocks comprising at least 250 birds remaining positive to 1% or less.Official checks at the level of poultry flocks are organized and carried out by the relevant District Veterinary and Food Administration, which also take measures in the case of positive results. Sampling in poultry flocks is carried out by farmers or private veterinarians. Official confirmation samples are taken and sent to the laboratory examination by official veterinarians from the relevant District Veterinary and Food Administrations.The control programme is yearly evaluated.The owner or the person responsible for hatcheries or for breeding flocks must, at his own expense, perform the sampling for analysis for the detection of salmonella either in an approved national laboratory or in a laboratory recognized by the competent authority. Samples taken by operator are part of official controls.Monitoring for salmonella is composing the target in adult breeding flocks of Gallus gallus comprising at least 250 birds. Monitoring in day-old chicks and during rearing period in 2014 was not compulsory.Breeding flocks shall be sampled: A.at the initiative of the operator - sampling at the initiative of the operator shall take at the farm or hatchery every 3 weeks during laying period B.official sampling:I. If sampling at the initiative of the food business operator takes place at the hatchery: a) routine sampling every 16 weeks at hatchery, which shall on that occasion replace the corresponding sampling at the initiative of the operator;b) routine sampling at the holding on two occasions during the production cycle, the first one being within four weeks following moving to laying phase or laying unit and the second one being towards the end of the laying phase, not earlier than eight weeks before the end of the production cycle;c) confirmatory sampling at the holding, following detection of relevant salmonella from sampling at hatchery.d)In case of suspicion of false negative or false positive results District Veterinary and Food Administration can decide to take confirmatory samples at farm.II. If sampling at the initiative of the food business operator takes place at the holding, routine sampling shall be carried out on three occasions during the production cycle: (a) within four weeks following moving to laying phase or laying unit; (b) towards the end of the laying phase, not earlier than eight weeks before the end of the production cycle; (c) at any time during the production cycle which is sufficiently distant in time from the sampling referred to in points (a) and (b).

Frequency of the sampling

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

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

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

Type of specimen taken

Methods of sampling (description of sampling techniques)

Breeding flocks: Production period

At the hatchery:a)one composite sample of visibly soiled hatcher basket liners taken at random from five separate hatcher baskets or locations in the hatcher, to reach a total sampling surface of at least 1 m2; however, if the hatching eggs from a breeding flock occupy more than one hatcher, then such a composite sample shall be taken from all up to five hatchers; orb)one sample taken with one or several moistened fabric swab(s) of at least 900 cm2 surface area in total, taken immediately after the removal of the chickens from the whole surface area of the bottom of at least a total of five hatcher baskets, or from fluff from five places, including on the floor, in all up to five hatchers with hatched eggs from the flock, ensuring that at least one sample per flock from which eggs are derived, is taken; orc)10 g broken eggshells taken from a total of 25 separate hatcher baskets (i.e. 250 g initial sample) in up to five hatchers with hatched eggs from the flock, crushed, mixed and subsampled to form a 25 g subsample for testing.At the farmSampling shall primarily consist of faecal samples and shall aim to detect a 1 % within flock prevalence, with a 95 % confidence limit. To that effect, the samples shall comprise one of the following:A) Pooled faeces made up of separate samples of fresh faeces each weighing not less than 1 g taken at random from a number of sites in the house in which the flock is kept, or where theflock has free access to more than one house on a particular holding, from each group of houses on the holding in which the flock is kept. Faeces may be pooled for analysis up to a minimum of two pools.B) Boot swabs and/or dust samples:Boot swabs used shall be sufficiently absorptive to soak up moisture. Tubegauze socks shall also be acceptable for that purpose. The surface of the boot swab shall be moistened using appropriate diluents (such as 0,8 % sodium chloride, 0,1 % peptone in sterile deionised water, sterile water or any other diluent approved by the competent authority). The samples shall be taken while walking through the house using a route that will produce representative samples for all parts of the house or the respective sector. This shall include littered and slatted areas provided that slats are safe to walk on. All separate pens within a house shall be included in the sampling. On completion of sampling in the chosen sector, boot swabs must be removed carefully so as not to dislodge adherent material. The samples shall consist of: five pairs of boot swabs, representing each about 20 % of the area of the house; the swabs may be pooled for analysis into a minimum of two pools; or at least one pair of boot swabs representing the whole area of the house and an additional dust sample collected from multiple places throughout the house from surfaces with visible presence of dust. One or several moistened fabric swab(s) of at least 900 cm2 surface area in total shall be used to collect this dust sample.C) In cage breeding flocks, sampling may consist of naturally mixed faeces from dropping belts, scrapers or deep pits, depending on the type of house. Two samples of at least 150 g shall be collected to be tested individually:droppings belts beneath each tier of cages which are run regularly and discharged into an auger or conveyor system; droppings pit system in which deflectors beneath the cages are scraped into a deep pit beneath the house;droppings pit system in a step cage house when cages are offset and faeces fall directly into the pit.There are normally several stacks of cages within a house. Pooled faeces from each stack shall be represented in the overall pooled sample. Two pooled samples shall be taken from each flock as described in the following third to sixth subparagraphs:In systems where there are belts or scrapers, these shall be run on the day of the sampling before sampling is carried out.In systems where there are deflectors beneath cages

Case definition

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

Positive breeding flock is when presence of relevant salmonella (other than vaccine strains) was detected in one or more faecal and dust samples (or if there is a secondary official confirmation in the relevant faecal samples or birds organ samples) taken at the holding. Invasive salmonella serovars included in the programme are Salmonella enteritidis, Salmonella typhimurium, Salmonella infantis, Salmonella virchow, Salmonella hadar.

Diagnostic/analytical methods used

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

Bacteriological method: STN EN ISO 6579/A1:20081) Detection methodThe method recommended by the Community Reference Laboratory (CRL) for Salmonella in Bilthoven, the Netherlands, for detection shall be used. This method is described in the current version of draft Annex D of ISO 6579 (2002): Detection of Salmonella spp. in animal faeces and in samples of the primary production stage. In this method, a semi-solid medium (modified semi-solid Rappaport-Vassiladis medium, MSRV) is used as the single selective enrichment medium.2) SerotypingAt least one isolate from each positive sample shall be serotyped, following the Kaufmann-White scheme.3) Alternative methodsWith regard to samples taken at the initiative of the operator, the methods of analysis provided for in Article 11 of Regulation (EC) No 882/2004 (1), may be used instead of the methods for the preparation of samples, detection methods and serotyping provided in this ANNEX (Examination of the samples), if validated in accordance with EN/ISO 16140/2003.4) Storage of strainsAt least the strains isolated from samples collected by the competent authority, shall be stored for future phagetyping or anti-microbial susceptibility testing, using the normal methods for culture collection, which must ensure integrity of the strains for a minimum of two years.

Vaccination policy

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

Use of vaccines and antimicrobials in the framework of these programmes must be realized according to Commission Regulation (EC) No. 1177/2006 of 1. August 2006 implementing Regulation (EC) No. 2160/2003 as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultry. Vaccination is allowed in breeding flocks of Gallus gallus in the Slovak Republic by using inactivated or live marked vaccines registered by the Institute for the State Control of Veterinary Biologicals and Medicaments in Nitra. Live salmonella vaccines for which the manufacturer does not provide an appropriate method to distinguish bacteriological wild type strains of salmonella from vaccine strains shall not be used. Application of live attenuated vaccines to laying hens during the laying phase is prohibited. Vaccination in breeding flocks of Gallus gallus is voluntary in the Slovak Republic.

Other preventive measures than vaccination in place

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

Movement of poultry and hatching eggs shall be carried out only in compliance with the classification of holdings which is performed for purposes of the prevention and control of infectious diseases and according to the health situation in the holding in relation to this disease. Movement is subject to the veterinary control and is carried out in compliance with the Decree of the Slovak Government No 297/2003 Coll.

Control program/mechanisms

The control program/strategies in place

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

The legal basis of the control programme is:Act No. 39/2007 Coll. on veterinary care and amendment of some acts,Regulation No 2160/2003/EC of the European Parliament and of the Council of 17. November 2003 on the control of salmonella and other specified food-borne zoonotic agents, on the basis of which must Member States draw up national programmes for control of salmonellae.Decree of the Slovak Government No 626/2004 Coll., on the monitoring of zoonoses and zoonotic agents,Commission Regulation (EU) No 200/2010 of 10 March 2010 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Union target for the reduction of the prevalence of Salmonella serotypes in adult breeding flocks of Gallus gallusCommission Regulation (EC) No 1177/2006 of 1 August 2006 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultryThe veterinary authorities are the respective authorities responsible for the control and coordination of fulfilment of the programme.

Recent actions taken to control the zoonoses

National control programme for Salmonella infections in poultry Gallus Gallus breeding flocks in Slovak Republic in 2013Control of movement of poultry and hatching eggsVaccinationMeasures in case of positive finding : movement prohibition, birds, non-incubated eggs produced by the birds in the house, eggs for hatching , all poultry in the positive flock, including one day chicks, must be slaughtered or destroyed so as to reduce as much as possible the risk of spreading salmonella, antibiotics may be used in accordance with legislation

Measures in case of the positive findings or single cases

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

The measures must comply with the following minimum requirements:a. no bird may leave the house concerned unless the competent authority has authorized the slaughter and safe destruction under supervision or slaughter in a slaughterhouse designated by the competent authority.b. non-incubated eggs produced by the birds in the house in question must be safely destroyed on the spot or after appropriate marking be taken under supervision to an approved egg-processing establishment to be heat treated in accordance with the requirements of the special rule.c. all poultry in the positive flock, including one day chicks, must be slaughtered or destroyed so as to reduce as much as possible the risk of spreading salmonella. Slaughtering must be carried out in accordance with the legislation on food hygiene. By products not intended for human consumption must be disposed of in accordance with Regulation (EC) No. 1774/2002 of the European Parliament and of the Council of 3. October 2002 laying down health rules concerning animal by products not intended for human consumption.d. where eggs for hatching are still present in a hatchery, they must be safely destroyed or treated as high risk material in accordance with Regulation (EC) No. 1774/2002 of the European Parliament and of the Council.e. a thorough cleansing and disinfection must be carried out after slaughtering or destruction from infected flocks, including safe disposal of manure or litter, in accordance with procedure laid down by the competent veterinary administration authority.f. Antibiotics may be used in accordance with Commission Regulation (EC) No 1177/2006 of 1. August 2006 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultry

Notification system in place

Holder of animals, operator of the hatchery is obliged to notify to veterinary authority each suspicion or laboratory confirmation of the presence of invasive salmonella in flock, holding, hatchery without any delay, according to 37 of the Act No. 39/2007 Coll. on veterinary care.In case of breaking the law an owner, holder committed an offence according to 48 of the Act No. 39/2007 Coll. on veterinary care and administrative infringement according to the 50.The state veterinary laboratories in the Slovak Republic notify the results of all examinations inbreeding flocks and in hatcheries to the competent District Veterinary and Food Administrations and private veterinarians. The District Veterinary and Food Administrations notify results in the annual report to the State Veterinary and Food Administration of the Slovak Republic (they send the notification for information to the Regional Veterinary and Food Administration). Where as a result of monitoring carried out the presence of Salmonella enteritidis, Salmonella typhimurium, Salmonella hadar, Salmonella infantis and Salmonella virchow is detected in a breeding flock, the person responsible for the laboratory carrying out the examination, the person carrying out the examination or the owner of the flock notify the results to the competent District Veterinary and Food Administration.

Results of the investigation

See relevant table.

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

3.1.3.7 Salmonella spp. in Ducks - breeding flocks and meat production flocks

Monitoring system

Sampling strategy

Breeding flocks

Measures in case of the positive findings or single cases

Notification system in place

Results of the investigation

3.1.3.8 Salmonella spp. in Geese - breeding flocks and meat production flocks

Monitoring system

Sampling strategy

Breeding flocks

Measures in case of the positive findings or single cases

Breeding flocks

Meat Production flocks

Notification system in place

Results of the investigation

3.1.3.9 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 the Slovak Republic is currently less than 100 fattening turkey flocks and less than 100 breeding flocks of turkeys, the target is to not more than one flock for each of these categories turkeys during the year was positive for invasive salmonella.The control programme is yearly evaluated. Flocks of turkeys shall be sampled: sampling on the initiative of the food business operator sampling by the competent authority (official sampling)The sampling frame shall cover all flocks of fattening and breeding turkeys covered by the scope of Regulation (EC) No 2160/2003.Sampling of flocks of breeding turkeys on the initiative of the food business operator shall take place:in rearing flocks: at day-old, at four weeks of age and two weeks before moving to the laying phase or laying unit,in adult flocks: at least every 4th week during the laying period at the holding or at the hatchery.Sampling by the competent authority shall include at least:In breeding turkeys:once a year, all flocks with at least 250 adult breeding turkeys between 30 and 45 weeks of age all holdings with elite, great grand parents and grand parent breeding turkeys; all flocks on holdings in case of detection of Salmonella enteritidis or Salmonella typhimurium from samples taken at the hatchery by food business operators or within the frame of official controls, to investigate the origin of infection;A sampling carried out by the competent authority may replace the sampling on the initiative of the food business operator.

Meat production flocks

In the Slovak Republic is currently less than 100 fattening turkey flocks and less than 100 breeding flocks of turkeys, the target is to not more than one flock for each of these categories turkeys during the year was positive for invasive salmonella.The control programme is yearly evaluated. Flocks of turkeys shall be sampled: sampling on the initiative of the food business operator sampling by the competent authority (official sampling)The sampling frame shall cover all flocks of fattening and breeding turkeys covered by the scope of Regulation (EC) No 2160/2003.Sampling of flocks of fattening turkeys on the initiative of the food business operator shall take place within three weeks before the birds are moved to the slaughterhouse from all flocks. Additionally, sampling of flocks of fattening tukeys:once a year, one flock on 10 % of the holdings with at least 500 fattening turkeys, but in any case:district veterinary and food administrations with 10 or less broiler holdings in competence must perform official sampling in at least one holding and all flocks within holding must be sampled,district veterinary and food administrations with 11 or more broiler holdings in competence must perform official sampling at least in 2 holdings and all flocks withim holding must be sampled.A sampling carried out by the competent authority may replace the sampling on the initiative of the food business operator.

Frequency of the sampling

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

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

Meat production flocks: Rearing period

Meat production flocks: Before slaughter at farm

Type of specimen taken

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

Meat production flocks: Day-old chicks

Methods of sampling (description of sampling techniques)

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

Sampling ay hatchery:sample shall consist of a minimum of a) one composite sample of visibly soiled hatcher basket liners taken at random from five separate hatcher baskets or locations in the hatcher, to reach a total of at least 1 m2. If the hatching eggs from a breeding flock occupy more than one incubator, then one such composite sample shall be taken from each incubator; orb) one sample taken with one ore more fabric swabs from the total area of at least 900 cm2 taken immediately after the removal of the chickens from the whole surface of the bottom of at least five hatcher baskets or dust samples from five places, including the floor, in all up to five hatchers with hatched eggs from the flock, while ensuring that one sample was collected from the flock of origin of eggs; orc) 10 g broken eggshells shall be taken from 25 separate hatcher baskets, crushed, mixed and a 25 g sub sample taken.That procedure shall be followed for sampling at the initiative of the operator as well as for official sampling.

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

Routine sampling at the initiative of the operatorSampling shall primarily consist of faecal samples and shall aim to detect a 1 % within flock prevalence, with 95 % confidence limit. To that effect, the samples shall comprise one of the following:(a) Pooled faeces made up of separate samples of fresh faeces each weighing not less than 1 g taken at random from a number of sites in the building in which the birds are kept, or where the birds have free access to more than one building on a particular holding, from each group of buildings on the holding in which the birds are kept. Faeces may be pooled for analysis up to a minimum of two pools.(b) Five pairs of boot swabs or one pair of boot swabs and one dust sample:Boot swabs used shall be sufficiently absorptive to soak up moisture. Tubegauze "socks" are also acceptable.The surface of the boot swab shall be moistened using appropriate diluent (such as 0,8 % sodium chloride, 0,1 % peptone in sterile deionised water, or sterile water).Walking around shall be done in a manner which will sample representatively all parts of the sector, including littered and slatted areas when slats are safe to walk on. All separate pens within a house shall be included in the sampling. On completion of sampling in the chosen sector, boot swabs must be removed carefully so as not to dislodge adherent material.The boot swabs may be pooled for analysis into a minimum of two pools.(c) In cage breeding flocks, sampling may consist of naturally mixed faeces from dropping belts, scrapers or deep pits, depending on the type of house. Two samples of at least 150 g shall be collected to be tested individually:i.droppings belts beneath each tier of cages which are run regularly and discharged into an auger or conveyor system;ii.droppings pit system in which deflectors beneath the cages are scraped into a deep pit beneath the house;iii.droppings pit system in a step cage house when cages are offset and faeces fall directly into the pit.There are normally several stacks of cages within a house. Pooled faeces from each stack shall be represented in the overall pooled sample. Two pooled samples shall be taken from each flock as described below.In systems where there are belts or scrapers, these shall be run on the day of the sampling before sampling is carried out.In systems where there are deflectors beneath cages and scrapers, pooled faeces which has lodged on the scraper after it has been run, shall be collected.In step-cage systems where there is no belt or scraper system it is necessary to collect pooled faeces from the deep pit.Droppings belt systems: pooled faecal material from the discharge ends of the belts shall be collected.Routine sampling shall be the same for sampling by operator ad official sampling.

Meat production flocks: Before slaughter at farm

At least two pairs of boot/sock swabs shall be taken. For free range flocks of turkeys, samples shall only be collected in the area inside the house. In flocks with less than 100 turkeys, where it is not possible to use boot/sock swabs as access to the houses is not possible, they may be replaced by hand drag swabs, where the boot swabs or socks are worn over gloved hands and rubbed over surfaces contaminated with fresh faeces, or if not feasible, by other sampling techniques for faeces fit for the intended purpose.All boot/sock swabs must be pooled into one sample.Before putting on the boot/sock swabs, their surface shall be moistened with maximum recovery diluents (MRD: 0,8 % sodium chloride, 0,1 % peptone in sterile deionised water), or sterile water or any other diluent approved by the national reference laboratory. 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. Alternatively, boot swabs or socks may be autoclaved with diluents within autoclave bags or jars before use. Diluents may also be applied after boots are put on using a spray or wash bottle.It shall be ensured that all sections in a house are represented in the sampling in a proportionate way. Each pair should cover about 50 % of the area of the house.Alternatively, the competent authority may decide that one pair of boot swabs shall be taken, covering 100 % of the area of the house if combined with a dust sample, collected from multiple places throughout the house from surfaces with visible presence of dust.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.In the case of sampling by the competent authority because of suspicion salmonella infection in a flock on that holding and in any other case considered appropriate, the competent authority shall satisfy itself by conducting further tests as appropriate so that the results of examinations for salmonella in flocks of turkeys are not affected by the use of antimicrobials in those flocks.

Case definition

A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella enteritidis and/or Salmonella typhimurium (other than vaccine strains) was detected in the flock at any occasion.Positive flocks of turkeys shall be counted only once per round, irrespective of the number of sampling and testing operations and only be reported in the year of the first positive sampling.Where the presence of Salmonella enteritidis and Salmonella typhimurium is not detected but antimicrobials or bacterial growth inhibitory effect are detected, it shall be considered as an infected flock of turkeys for the purpose of the Community target.

Case definition

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

A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella enteritidis and/or Salmonella typhimurium (other than vaccine strains) was detected in the flock at any occasion.Positive flocks of turkeys shall be counted only once per round, irrespective of the number of sampling and testing operations and only be reported in the year of the first positive sampling.Where the presence of Salmonella enteritidis and Salmonella typhimurium is not detected but antimicrobials or bacterial growth inhibitory effect are detected, it shall be considered as an infected flock of turkeys for the purpose of the Community target

Meat production flocks: Before slaughter at farm

A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella enteritidis and/or Salmonella typhimurium (other than vaccine strains) was detected in the flock at any occasion.Positive flocks of turkeys shall be counted only once per round, irrespective of the number of sampling and testing operations and only be reported in the year of the first positive sampling.Where the presence of Salmonella enteritidis and Salmonella typhimurium is not detected but antimicrobials or bacterial growth inhibitory effect are detected, it shall be considered as an infected flock of turkeys for the purpose of the Community target

Diagnostic/analytical methods used

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

Bacteriological method: STN EN ISO 6579/A1:2008

Meat production flocks: Before slaughter at farm

Bacteriological method: STN EN ISO 6579/A1:2008

Meat production flocks: At slaughter (flock based approach)

Other preventive measures than vaccination in place

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

Movement of poultry and hatching eggs shall be carried out for purposes of the prevention and control of infectious diseases and according to the health situation in the holding in relation to this disease. Movement is subject to the veterinary control and is carried out in compliance with the Decree of the Slovak Government No 297/2003 Coll. and movement from third countries in compliance with Ordinance No 216/2009 Coll.

Meat production flocks

Movement of poultry and hatching eggs shall be carried out for purposes of the prevention and control of infectious diseases and according to the health situation in the holding in relation to this disease. Movement is subject to the veterinary control and is carried out in compliance with the Decree of the Slovak Government No 297/2003 Coll. and movement from third countries in compliance with Ordinance No 216/2009 Coll.

Control program/mechanisms

The control program/strategies in place

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

The legal basis of the control programme is:Act No. 39/2007 Coll. on veterinary careRegulation of the European Parliament and of the Council No 2160/2003/EC of 17. November 2003 on the control of salmonella and other specified food-borne zoonotic agents, on the basis of which must Member States draw up national programmes for control of salmonellae Ordinance of the Government of the Slovak Republic No 626/2004 Coll., on the monitoring of zoonoses and zoonotic agents Commission Regulation (EC) No 1177/2006 of 1. August 2006 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultry Commission Regulation (EC) No 1190/2012

Meat production flocks

The legal basis of the control programme is:Act No. 39/2007 Coll. on veterinary careRegulation of the European Parliament and of the Council No 2160/2003/EC of 17. November 2003 on the control of salmonella and other specified food-borne zoonotic agents, on the basis of which must Member States draw up national programmes for control of salmonellae Ordinance of the Government of the Slovak Republic No 626/2004 Coll., on the monitoring of zoonoses and zoonotic agents Commission Regulation (EC) No 1177/2006 of 1. August 2006 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards requirements for the use of specific control methods in the framework of the national programmes for the control of salmonella in poultry Commission Regulation (EC) No 1190/2012

Recent actions taken to control the zoonoses

National control programme for Salmonella infections in turkeys in Slovak Republic in 2014Control of movement of poultry and hatching eggsVaccinationMeasures in case of positive finding : movement prohibition, birds, non-incubated eggs produced by the birds in the house, eggs for hatching , all poultry in the positive flock, including one day chicks, must be slaughtered or destroyed so as to reduce as much as possible the risk of spreading salmonella, antibiotics may be used in accordance with legislation

Measures in case of the positive findings or single cases

When invasive serovars are confirmed in broiler flock the relevant district veterinary and food administration starts to carry out the epizootological investigation in order to detect the source of contamination.The measures must comply with the following minimum requirements:4.After slaughtering of infected flocks safe disposal of manure or litter must be carried out in accordance with procedure laid down by the competent veterinary administration authority.5.A thorough cleansing and disinfection must be carried out of the building.6.After cleaning and disinfection must be performed the effectiveness check by taking of swabs from the superficies of the house, which are designated for bacteriological investigation to the NRL. Houses can be restocked only when results of bacteriological investigation of control swabs are negative for invasive salmonella.

Notification system in place

Owner or holder of broilers is obliged to notify the suspicion and outbreak of Salmonella infection without any delay, according to 37 of the Act No. 39/2007 Coll. In case of breaking the law an owner or holder committed an offence according to 48 of the Act No. 39/2007 Coll. and administrative infringement according to the 50.The state veterinary laboratories in the Slovak Republic notify the results of all examinations of broiler flocks to the relevant district veterinary and food administrations, owners and private veterinarians.Where as a result of monitoring carried out the presence of Salmonella enteritidis, Salmonella typhimurium is detected in a broiler flock, the person responsible for the laboratory carrying out the examination, the person carrying out the examination or the owner of the flock notify the results to the relevant district veterinary and food administration. The District Veterinary and Food Administrations notify results in the annual report to the State Veterinary and Food Administration of the Slovak Republic (they send the notification for information to the Regional Veterinary and Food Administration).

Results of the investigation

See relevant tables.

3.1.4 Salmonella in feedingstuffs

3.1.4.1 Salmonella spp. in feed

Recent actions taken to control the zoonoses

Official controls at feed level is taken: The Central Control and Testing Institute of Agriculture in co-operation with the State Veterinary and Food Administration of the Slovak Republic elaborates the yearly National Plan on Feed Control, covering competences and priorities for feed control in the respective year in accordance with national and EU legislation (Council Directive 95/53/EC). The State Veterinary and Food Administration of the Slovak Republic elaborates the yearly Plan of official control and VPO (plan of veterinary prevention and protection) of feed for DVFA (District Veterinary and Food Administration) inspectors in accordance with veterinary EU legislation. In case, when confirmation samples are positive for invasive salmonella the competent authority starts to carry out an investigation in order to: identify the source of contamination, in particular by means of official samples taken at different stages of production, examine the application of rules and controls concerning the disposal and processing of animal waste and in particular those which are mentioned in accordance with the special rule, establish procedures for good manufacturing practices and ensure compliance with recognized procedures.Samples intended for bacteriological testing for salmonella presence were taken within the frame ofofficial controls of farm animal feed manufacturing, as well as controls on animal farms and withininspections of plants approved in accordance with Regulation of the European Parliament and of theCouncil (EC) No 1774/ 2002 laying down health rules concerning animal byproducts not intended for human consumption. The samples were tested in the State Veterinary and Food Institutes, using the method STN ISO 6579.

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

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

Recent actions taken to control the zoonoses

Samples of foodstuffs are taken and investigated according multi-annual plan of official controls. Samples in animals are tested in case of suspicion and clinical symptoms.Selective monitoring of Campylobacter and antimicrobial resistance was carried out in 2013 in chilled poultry meat. Results see in table.

3.2.2 Campylobacter in foodstuffs

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

Results of the investigation

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

3.2.2.2 Campylobacter spp., unspecified in food

Monitoring system

- Sampling strategy
- Frequency of the sampling
- Type of specimen taken
- Diagnostic/analytical methods used

Results of the investigation

3.2.3 Campylobacter in animals

3.2.3.1 Campylobacter spp., unspecified in animal

Monitoring system

- Sampling strategy
- Frequency of the sampling

Type of specimen taken

Vaccination policy

Results of the investigation

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

Monitoring system

Sampling strategy

The sampling was performed in broilers at slaughterhouses according to the European Commission Implementing Decision 2013/652/EU of 12 November 2013 on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteriaSamples were stratified at five poultry slaughterhouses taking into account capacity of slaughterhouses. Sampling was distributed covering each month during the year and each month was performed random sampling.

Frequency of the sampling

At slaughter

Sampling was distributed covering each month during the year and each month was performed random sampling.

Type of specimen taken

At slaughter

1 sample consisted of 10 pooled filled caeca from 10 broilers within one slaughter batch

Methods of sampling (description of sampling techniques)

At slaughter

There is no harmonized monitoring of prevalence Campylobacter spp. in animal or food in Slovakia, the specimen were sampling only according to the Decision 2013/652/EU. This EU monitoring was carried out only in NRL for Campylobacter including antimicrobial resistance.

Diagnostic/analytical methods used

At slaughter

Isolation of Campylobacter was done by ISO 10272-1. Appropriate species identification were done by PCR methods.

Results of the investigation

see relevant tables

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

Recent actions taken to control the zoonoses

SAll obtained data were collected from the State Veterinary and Food Institutes, the State Veterinary Institute, Public Health Authorities in Slovakia.The samples comprised of official samples taken by inspectors of the Veterinary and Food Administrations according direction of State Veterinary and Food Administration Plan for sampling and laboratory examination if products of animal origin for official controls, according Regulation (EC) No 2073/2005.The Public Health Authority of the Slovak Republic (PHA of the SR) and Regional Health Authorities in the Slovak Republic (RHA in the SR) performed the sampling of foodstuffs and raw materials in compliance with the multi-annual national plan of the official control carried out by public health authorities and according Regulation (EC) No 2073/2005.Samples are taken also in case of suspicion or consumers incentive.All samples were tested in accordance with standardized international methods for Listeria presence (STN EN ISO 11290-1) or Listeria counts (STN EN ISO 11290-2) by single or batch system according to applicants requirements and amount of a taken sample. The sample weight was 25g (detection method) or 10g (quantification method). Regarding animals, it is mostly a matter of brain-tissue samples or abortion material tested for L. monocytogenes presence. Animals are tested for Listeria in case of clinical signs or in case of suspicion. According Plan of veterinary prevention and protection of state territory in 2014 all cases of abortion in cattle, sheep and goats are officially tested for presence of Listeria.

3.3.2 Listeria in foodstuffs

3.3.2.1 Listeria in food

Monitoring system

Sampling strategy

All obtained data were collected from the State Veterinary and Food Institutes, the State Veterinary Institute, Public Health Authorities in Slovakia.The samples comprised of official samples taken by inspectors of the Veterinary and Food Administrations according direction of State Veterinary and Food Administration Plan for sampling and laboratory examination if products of animal origin for official controls, according Regulation (EC) No 2073/2005..The Public Health Authority of the Slovak Republic (PHA of the SR) and Regional Health Authorities in the Slovak Republic (RHA in the SR) performed the sampling of foodstuffs and raw materials in compliance with the multi-annual national plan of the official control carried out by public health authorities and according Regulation (EC) No 2073/2005.Samples are taken also in case of suspicion or consumers incentive.All samples were tested in accordance with standardized international methods for Listeria presence (STN EN ISO 11290-1) or Listeria counts (STN EN ISO 11290-2) by single or batch system according to applicants requirements and amount of a taken sample. The sample weight was 25g (detection method) or 10g (quantification method).

Frequency of the sampling

At the production plant

according sampling plan

At retail

according sampling plan

Definition of positive finding

At the production plant

According Regulation (EC) No 2073/2005.

Diagnostic/analytical methods used

At the production plant

Listeria presence (STN EN ISO 11290-1) , Listeria counts (STN EN ISO 11290-2)

At retail

Listeria presence (STN EN ISO 11290-1), Listeria counts (STN EN ISO 11290-2)

Measures in case of the positive findings or single cases

According Regulation (EC) No 2073/2005.

Notification system in place

Rapid Alert System

Results of the investigation

see tables

3.3.3 Listeria in animals

3.3.3.1 Listeria in animal

Monitoring system

Sampling strategy

Animals are tested for Listeria in case of clinical signs or in case of suspicion.According Plan of veterinary prevention and protection of state territory in 2013 all cases of abortion in cattle, sheep and goats are officially tested for presence of Listeria.

Frequency of the sampling

in case of abort

Type of specimen taken

brain-tissue samples, abortion material, blood

Control program/mechanisms

The control program/strategies in place

Recent actions taken to control the zoonoses

Results of the investigation

All results in table Listeria in animals.

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

The monitoring system for Verotoxigenic E.coli in the Slovak republic has not been adopted.

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

The monitoring system for Yersinia enterocolitica in the Slovak Republic has not been adopted.

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

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

Endemic areas of trichinellosis occurrence are East and Central Slovakia. Since 2012 trichinellosis occurred also in West Slovakia after long time.In 2014, except obligatory meat inspection and examination according Commission Regulation 2075/2005 also monitoring of trichinellosis in foxes was performed. For result see table Trichinellosis in animals.

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

In finding of Trichinella spp. in meat of slaughtered animals, the animals carcasses are confiscated and processed in processing (rendering) plant. Upon import of meat in which larvae of trichinellae could have been present (pigs, horses, game), the import either frozen meat or certificate on its examination for trichinellosis are required.

Recent actions taken to control the zoonoses

Control of meat of slaughtered animals is provided in compliance with EU legislation Commission Regulation 2075/2005.

3.6.2 Trichinella in animals

3.6.2.1 Trichinella in animal - Solipeds, domestic - horses

Monitoring system

Sampling strategy

For official Trichinella examination the samples as a part of post mortem inspection are systematically taken at a slaughterhouse from each carcass.

Frequency of the sampling

every slaughtered animal is sampled

Type of specimen taken

tongue or diapraghma muscle

Methods of sampling (description of sampling techniques)

taking over 10g of the specimen

Case definition

Positive results - in case of finding Trichinella spp

Diagnostic/analytical methods used

The method of magnetic mixing in digestion of pooled samples

Control program/mechanisms

The control program/strategies in place

In the Slovak Republic the monitoring of trichinellosis is performed as a part of post mortem inspection in all solipeds on a slaughterhouse after slaughter. The samples are taken within official controls and in compliance with Regulation (EC) 854/2004 Annex I, Section IV, Chapter IX c. Point 2. and special legal rule for official controls of Trichinella in the meat with Commission Regulation 2075/2005.

Recent actions taken to control the zoonoses

Carcasses and parts of carcasses and slaughter by-products containing the striated musculature from carcasses from which the samples for Trichinella examination were taken, must not leave the premises prior to completion the examination with a negative result. The parts of carcasses not containing the striated musculature are not subject to restriction.

Measures in case of the positive findings or single cases

All positive carcasses and parts shall be judged as unfit for human consumption and removed as a by-product of Category II.

Notification system in place

The official veterinarian shall notify without any delay each confirmed or suspect finding of Trichinella to the competent DVFA and SVFA (notifiable disease).

Results of the investigation including the origin of the positive animals

See table Trichinella in animals

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

At present no positive cases of trichinellosis in horses have been recorded.

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

The meat from the animals infected with trichinella shall be judged as unfit for human consumption.

3.6.2.2 Trichinella in animal - Pigs

Monitoring system

Sampling strategy

General

For official Trichinella examination the samples as a part of post mortem inspection are systematically taken at a slaughterhouse from each carcass.Sampling strategy is in compliance with Commission Regulation 2075/2005.

Frequency of the sampling

General

Every pig slaughtered at slaughterhouse in Slovak Republic is sampled in accredited laboratory according to Commission Regulation 2075/2005.Every slaughtered wild boar intended to human consumption is sampled in compliance with Commission Decision 2075/2005. Samples are taken immediately after slaughter.

Type of specimen taken

General

Specimen taken is in compliance with Commission Regulation 2075/2005. Diaphragmatic pillar at the place of transition into tendinous part is taken. In case of absence of diaphragmatic pillar the tongue muscle, masseter muscle or abdominal muscle are taken.

Methods of sampling (description of sampling techniques)

General

From the sampling site the samples are taken in amount of at least 1g in fattening pigs from the diaphragmatic pillar at the place of transition into tendinous part and 2g in boars and sows from the equal place. If a predilection place is not available the alternative sample shall be taken. An alternative sample are 2g taken from the costal or sternal part of the diaphraghm or from the masseter, tongue or abdominal muscles.

Case definition

General

Positive results - in case of finding Trichinella spp.

Diagnostic/analytical methods used

General

The method of magnetic mixing in digestion of pooled samples in compliance with Commission Regulation 2075/2005 is used.

Control program/mechanisms

The control program/strategies in place

In the Slovak Republic the monitoring of trichinellosis is performed as a part of post mortem inspection by taking the samples from the diaphragmatic pillar of each slaughter pig at a slaughterhouse after slaughter. The samples are taken within official controls and in compliance with Regulation (EC) 854/2004 Annex I, Section IV, Chapter IX c. Point 2. and special legal rule for official controls of Trichinella in the meat with Commission Regulation 2075/2005.

Recent actions taken to control the zoonoses

Carcasses and parts of carcasses and slaughter by-products containing the striated musculature from carcasses from which the samples for Trichinella examination were taken, must not leave the premises prior to completion the examination with a negative result. The parts of carcasses not containing the striated musculature are not subject to restriction. In the year 2007 the reporting duty of performing home slaughters was introduced. Based on the risk assessment of trichinellosis occurrence in pigs slaughtered in a breeder for domestic consumption and based on results from the previous examinations and monitoring, including wild animals, the samplings were limited only to areas with a positive finding of Trichinella sp. in wild animals.

Notification system in place

The official veterinarian shall notify without any delay each confirmed or suspect finding of Trichinella to the competent DVFA and SVFA (notifiable disease).

Measures in case of the positive findings or single cases

All positive carcasses and parts shall be judged as unfit for human consumption and removed as a by-product of Category II.

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

See table Trichinellosis in animalsPositive or dubious results:If the results examined by the reference method are positive or dubious, the further samples from each carcass that was in the original pooled sample shall be taken. These samples shall be mixed to pooled samples to doses 100g/ from 5 pigs. Following detection which pooled sample from 5 pigs is positive or dubious, they shall be taken from the individual pigs and each shall be examined individually by the standard reference digestion method.The examination of samples is carried out in official laboratories of the District Veterinary and Food Administrations on approved slaughterhouses. All positive samples shall be sent in 90% ethanol into the National Reference Laboratory for PCR typing.

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

Occurrence of trichinellosis in domestic pigs is only sporadic in animal bred for the own need.

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

The meat from the animals infected with trichinella shall be judged as unfit for human consumption

The contingency plan in place

Each DVFA worked out the contingency plan pursuant to Regulation (EC) No.2075/2005 with an overview of measures which shall be taken if the test for Trichinella reveals a positive result.

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

First cases of Echinoccocus multilocularis in foxes occurred in 1999. Since 2000 monitoring of occurrence and spread of E. multilocularis in main host foxes is carried out.

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

Comparing the previous years, Echinococcus multilocularis in foxes was geographically distributed to areas where did not occur in long term.

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

The eggs of Echinococcus spp. are spread through definite hosts, dogs, foxes and other carnivora. Contaminated environment, forest fruits, vegetable and non-compliance with hygiene principles are the main risk factors of transmission of this zoonosis. Regular controls of carnivore faeces focused on detection of the presence of adult tapeworms and controls focused on the presence of larval forms in the meat of animals slaughtered in fresh meat establishments are important for determination of risk areas.

Recent actions taken to control the zoonoses

Meat of animals slaughtered in slaughterhouses is subject to the examination for the presence of Echinococcus larvocysts within the veterinary inspection in compliance with Regulation (EC) No 854/2004 of the European Parliament and of the Council of 29 April 2004 laying down specific rules for the organisation of official controls on products of animal origin intended for human consumption. Routine diagnostics of dog and other carnivore faeces includes also the examination for the presence of adult tapeworm Echinococcus. Monitoring of E. multilocularis in red foxes is carried out yearly. Frequency of the samplingAll animals considered as intermediate hosts, slaughtered in slaughterhouses of the SR, are examined for the presence of Echinococcus larvocysts.Type of specimen takenFaeces or intestine of definite hosts, cysts from intermediate hosts.Methods of sampling (description of sampling techniques) Examination of the meat of animals slaughtered in slaughterhouses for the presence of larvocysts by adspection method.Fox intestines are sent after the examination for rabies into a laboratory in a frozen state (at -18C).Fresh animal faeces is sent directly to a laboratory.Case definition / definition of a positive findingThe sample is considered to be positive in case of finding tapeworms Echinococcus sp. in a definite host or Echinococcus larvocyst in intermediate host.Diagnostic / analytical methods The meat of slaughtered animals - by adspection method, microscopical examination of larvocyst contentFaeces (intestine content) of carnivora - microscopical examination, flotation examination, PCRMeasures in case of the positive findings or single cases The meat of positive animals is excluded from the food chain.

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

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

Rabies in the Slovak Republic is an endemic disease occurring in the silvatic form with decreasing occurrence and the main host and vector species is red fox. After period of 7 years free of rabies, in 2013, 7 cases were detected in district Bardejov in the north-east of Slovakia near borders with Poland.Results of investigation see in table Rabies in animals

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

Recent actions taken to control the zoonoses

National programme of rabies eradication in the Slovak Republic, mandatory vaccination in domestic carnivores, oral antirabic vaccination in wildlife red fox, identification and registration of pets, movement control, Laboratory diagnosis of each suspected domestic animal and control of fulfilment of National programme by veterinary database.Laboratory diagnostics within targeted hunting for effectiveness check of vaccineLaboratory examination of hunted or dead animals with abnormal behaviourIndicated preventive vaccination of cattle, sheep and goats in rabies outbreaks in wildlife animals before cattle-run

3.8.2 Lyssavirus (rabies) in animals

3.8.2.1 Lyssavirus (rabies) in animal - Dogs

Monitoring system

Sampling strategy

The sampling is performed in suspected animals (showing abnormal behaviour), in animals which injured people, in animals found dead, in foxes submitted for control of oral vaccination.

Frequency of the sampling

Permanent sampling performed in indicated cases all year round.

Type of specimen taken

whole animal,head with first vertebra

Methods of sampling (description of sampling techniques)

Samples for examination are sent as soon as possible. Before sending it is necessary to store them at temperature up to 40 C, in order to be adequately cooled. The sample of the whole animal is sent wrapped in PVC bag put into good closed, firm packing with sufficient amount of absorption material preventing leakage of the contents and accompanying with documentation are sent to the State Veterinary Institutes where the samples of brain are taken for investigation. Sample of the head with first vertebra is sent enwrapped into fabric moistened by 0,5% solution of formaline or vinegar. Such enwrapped sample is put into impermeable packing (PVC bag) and then into a firm packing with absorption material.

Case definition

- clinical signs of rabies in animal with anamnesis of contact with rabid animal or human, or unknown animal, which might be rabid, or without anamnesis and laboratory confirmation of rabiesA case of Rabies is defined as a detection of rabies virus antigen or the isolation of rabies virus in the brain of tested animal.

Diagnostic/analytical methods used

ELISA,FAVN,FAT,MIT,RT-PCR,isolation of agent, biological examination on mouses

Vaccination policy

mandatory antirabic vaccination of domestic carnivores over three months of age with annual revaccination

Other preventive measures than vaccination in place

movement control system and system of shelters for stray animals

Control program/mechanisms

The control program/strategies in place

In 2014, National programme of rabies eradication in the Slovak Republic in 2014 was valid.Main purpose of this control program is to retain status of country free of rabies. Its yearly elaborated and updated on the basis of analyses and evaluation of results from previous years.Monitoring and prevention of rabies were performed according Plan of veterinary prevention and protection of state territory in 2014.mandatory vaccination in domestic carnivores as well as oral antirabic vaccination in wildlife red fox, identification and registration of pets, movement control, laboratory diagnosis of each suspected domesticanimal and control of fulfilment of National programme by veterinary database.The sampling is performed: in suspected animals (showing abnormal behaviour), in animals which injured people, in animals found dead, in foxes submitted for control of oral vaccination.

Recent actions taken to control the zoonoses

mandatory notification of cases and suspicions, mandatory antirabic vaccination and movement control and co-operation between animal heath and human health authorities

Suggestions to the European Union for the actions to be taken

establishing Community register of pet animals for which the Pet Passport has been issued, by which will be the competent authorities able to verify validity of Pet Passport and antirabic vaccination maybe similar to Slovak central register of pets

Measures in case of the positive findings or single cases

The measures are ordered by the District Veterinary and Food Administration in compliance with the 8, para 3, letter e) of the Act No. 39/2007 Coll. The respective DVFA at suspicion of rabies occurrence in domestic animals orders to natural and legal persons the measures for control of animal diseases and determines the date for their fulfilment, by whicha) it orders1. catching of stray animals by professionally eligible natural or legal persons which means a personwho following passing an examination before board of examiners finished the training Catching of stray or lost animals at the Institute for Postgraduate Studies in Kosice and obtained a Certificate on Professional eligibility for the performance of catching of lost, abandoned and stray animals or by other person performing this activity under the supervision of professionally eligible natural or legal person,2.disinfection of the place of killing or death of rabid animal and also thorough disinfection and incineration of all items which could have come into contact with rabid animal,3.safe disposal of dead and killed animals by rendering plant,4. isolation and monitoring of all susceptible animals which came or could have come into contact with an animal suspicious of rabies,5. safe disposal of milk obtained from cows suspicious of rabies and prohibition of the use of products of warm-blooded animals for human consumption and for feeding purposes if these animal came or could have come into contact with an animal suspicious of rabies,6. obligation to report each case of exposition of people and animals, behaviour changes in domestic animals, death of wildlife in an outbreak and in its nearness,b) it prohibits1.movement and collection of susceptible animal species,2.free movement of susceptible animals in an outbreak,The respective District Veterinary and Food Administration in case of non-confirmation of rabies occurrence lifts the measures for disease control.The respective District Veterinary and Food Administration at confirmation of rabies occurrence in domestic animals extends the previous measures for disease control by further measures for disease control and determines to the natural and legal persons the date for their fulfilment by which a)it defines an rabies outbreak,b)it orders in an outbreak1.its marking with warning tables with writing CAUTION RABIES !2.killing of susceptible animals which came into contact with an animal positive to the presence of rabies antigen,3.to perform the registration of dogs and cats and protective vaccination of dogs, cats and other carnivore over 3 months of age which have not been vaccinated against rabies so far or since the last antirabicvaccination the period longer than 1 year elapsed, provided that they did not come into contact or they did not have the possibility to come into contact with an animal positive to the presence of rabies antigen,4. to perform protective vaccination of susceptible domestic animals; it will permit to use milk and other products obtained from them for the human consumption and feeding purposes only following gaining the immunity (this period will be stated based on the date of vaccine manufacturer).

Notification system in place

Based on the Act No. 39/2007 Coll. ll. each natural or legal person authorized to dispose of live animals is obliged to notify without delay to the veterinary administration authority any suspicion of the disease and death of any animal and to allow examination of such animal.In case of failing to report any suspicion of the disease, an animals death or failing to allow its examination, is committed.

Results of the investigation

see table

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

Rabies in the Slovak Republic is an endemic disease occurring in the silvatic form with decreasing occurrence and the main host and vector species is red fox. After period of 7 years free of rabies, 2 positive dogs were found in district Bardejov in the north-east of Slovakia near borders with Poland.

3.9 STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) INFECTION

3.9.1 Staphylococcus in foodstuffs

3.9.1.1 Staphylococcus in food

Monitoring system

Diagnostic/analytical methods used

3.9.2 Staphylococcus in animals

3.9.2.1 Staphylococcus in animal

Monitoring system

Sampling strategy

The monitoring system for Stapylococcus in the Slovak Republic has not been adopted. Samples were tested for presence of Stapylococcus aureus. During testing the antimicrobial profile of positive isolates of Staphylococcus aureus is also tested antibiotic cefoxitin, as the main indicator of resistance to methicillin. In the case of a positive response to the level of phenotype isolate is then tested for the presence of mecA and MECCA genes encoding resistance to methicillin.

3.10 Q-FEVER

3.10.1 General evaluation of the national situation

3.10.1.1 Coxiella (Q-fever) - general evaluation

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

3.10.2 Coxiella (Q-fever) in animals

3.10.2.1 C. burnetii in animal

Monitoring system

Sampling strategy

Samples were taken according Plan of veterinary prevention and protection of state territory in 2014in cows and in goats.Blood samples were investigated serologically in case of abortion and in case of suspicion for disease or on base of clinical signs.

Frequency of the sampling

Samples are taken in case of abort and animals are tested two times in interval of 21 days.

Type of specimen taken

Blood

Diagnostic/analytical methods used

serological: CFT

Results of the investigation

See table Coxiella burnetii in animals

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

Q-fever in Slovak Republic occurs and monitoring is carried out according Plan of veterinary prevention and protection of state territory in cows and goats.Samples are taken:- within the framework of Plan of veterinary prevention and protection of state territory in 2013 in cows and goats in case of abortion.- in case of suspicion for disease or on base of clinical signs.

3.11 WEST NILE VIRUS INFECTIONS

3.11.1 West Nile Virus in animals

3.11.1.1 West Nile Virus in animal

Monitoring system

Sampling strategy

According Plan of veterinary prevention and protection of state territory in 2014 monitoring of the epidemiological situation through monitoring of West Nile virus fever antibodies in horses. Detection of postinfection antibodies was performed within targeted intravital diagnostics in horses and the targeted intravital diagnosis of suspected CNS disease.

Frequency of the sampling

In horse holdings the breeding stallions prior to and after the completion of a mating season, mares prior to mating, sport and production horses used for the breeding and animals with suspicion of the disease of CNS were examined.

Type of specimen taken

Blood

Diagnostic/analytical methods used

ELISA IgMELISA IgGReal-time RT-PCR

Results of the investigation

See table.

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

West Nile Fever virus was never isolated. Presence of virus was detected only serologically.

3.12 ESCHERICHIA COLI, NON-PATHOGENIC

3.12.1 General evaluation of the national situation

3.12.1.1 Escherichia coli, non-pathogenic - general evaluation

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

The positive isolates have formed the testing collection and were obtained from clinical samples. Situation regarding resistance in commensal Escherichia coli is long-term stability. The highest percentages of isolates were resistant to tetracycline (relative cheap animicrobials). A higher level of resistance to cephalosporins was observed but the presence of expanded spectrum -lactamases was not confirmed in Slovak herds. The fluoroquinolone resistance was around 15% and was mostly encoded by chromosomal mutation. Very law level was detected to aminoglycosides.

3.13 TOXOPLASMA

3.13.1 General evaluation of the national situation

3.13.1.1 Toxoplasma - general evaluation

History of the disease and/or infection in the country

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

In the Slovak Republic, there is no official monitoring program for diagnostics of toxoplasmosis and this zoonosis is not under notifiable diseases. Since 2001, the percentage of infestation has increased and a considerable change in the pattern of samples has been recorded. In the past, most samples came from bovine and pig holdings, these categories of animals being gradually misplaced, resulting in a turnover in favour of testing pet animals and small ruminants.Result see in table.

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

Recent actions taken to control the zoonoses

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

Notification system in place

4.1.2 Salmonella in animals

4.1.2.1 Antimicrobial resistance in Salmonella Pigs

Notification system in place

4.1.2.2 Antimicrobial resistance in Salmonella Poultry, unspecified

Laboratory methodology used for identification of the microbial isolates

Notification system in place

4.2 CAMPYLOBACTERIOSIS

4.2.1 Campylobacter in foodstuffs

4.2.1.1 Antimicrobial resistance in Campylobacter spp., unspecified

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

4.2.2 Campylobacter in animals

4.2.2.1 Antimicrobial resistance in Campylobacter spp., unspecified

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

4.2.2.2 Antimicrobial resistance in Campylobacter spp., unspecified Gallus gallus (fowl)

Sampling strategy used in monitoring

Frequency of the sampling

Type of specimen taken

Methods of sampling (description of sampling techniques)

Procedures for the selection of isolates for antimicrobial testing

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Control program/mechanisms

The control program/strategies in place

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

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

Description of sampling designs

The sampling was performed in broilers at slaughterhouses according to the European Commission Implementing Decision 2013/652/EU of 12 November 2013 on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteriaSamples were stratified at five poultry slaughterhouses taking into account capacity of slaughterhouses. Sampling was distributed covering each month during the year and each month was performed random sampling.

Sampling strategy used in monitoring

Frequency of the sampling

The sampling was performed according to the European Commission Implementing Decision 2013/652/EU of 12 November 2013 on monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria. Sampling was distributed covering each month during the year and each month was performed random sampling.

Laboratory methodology used for identification of the microbial isolates

Isolation of Campylobacter was done by ISO 10272-1. Appropriate species identification were done by PCR methods. Antimicrobial susceptibility was tested by microdilution method in cation adjusted Muller-Hinton broth with lysed horse blood. The tests were performed following the standards for microdilution of CLSI, EURL-AR protocol and manufacturer guidelines. Microplate Sensititre EUCAMP2 was used. Reference strain ATCC 33560 Campylobacter jejuni was used as a quality control. The NRL annualy participates in Proficiency Testing organized by EURL-AR, Denmark.

Type of specimen taken

1 sample consisted of 10 pooled filled caeca from 10 broilers within one slaughter batch

Methods of sampling (description of sampling techniques)

There is no harmonized monitoring of prevalence Campylobacter spp. in animal or food in Slovakia, the specimen were sampling only according to the Decision 2013/652/EU. This EU monitoring was carried out only in NRL for Campylobacter including antimicrobial resistance.

Procedures for the selection of isolates for antimicrobial testing

Due to low level of Campylobacter incidence the selection for antimicrobial susceptibility testing was carried out from all isolates of Campylobacter jejuni and Campylobacter coli species. The analysed collection consisted of 11 Campylobacter jejuni and 36 Campylobacter coli positive isolates.

Methods used for collecting data

All the susceptibility tests for monitoring antimicrobial resistance were performed in NRL for Campylobacter including antimicrobial resistance and results are stored in appropriate database. Positive isolates are stored in NRL in cryotubes at -80C at least 5 years.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

As mentioned over, NRL used Microplate Sensititre EUCAMP2. This microplate consists of antimicrobials recommended by the European Commision Implementing Decision 2013/652/EU. It was total 6 antimicrobials: Ciprofoxacin, Erythromycin, Gentamicin, Nalidixid acid, Streptomycin, Tetracycline.

Cut-off values used in testing

As breakpoints in antimicrobial resistance monitoring were used epidemiological cut-off values (ECOFF) recommended in the Annex to that EC Decision.

Results of the investigation

NRL have analysed 428 samples of pool broilers caeca in 2014. 55 out of 428 were positive for Campylobacter spp. Due to of lack the interpretative criteria we fixed on the antimicrobial profile for 47 isolates, 11 Campylobacter jejuni and 36 Campylobacter coli.There is low level of microbial resistance to tested antimicrobials in Campylobacter jejuni species in generally. Out of 11 tested Campylobacter jejuni isolates 0 isolates (0%) were resistant to Gentamicin, 1 isolate (9%) was resistant to Streptomycin, 2 (18%) resistant isolates to Erythromycin, 3 (27%) isolates resistant to Tetracycline. Higher resistance was observed to Quinolons and their derivatives. 5 (45%) and 6 (55%) isolates resistant to Ciprofloxacin and Nalidixic acid as well. Much higher resistance were detected among Campylobacter coli species. Out of 36 tested Campylobacter coli isolates 0 isolates (0%) were resistant to Gentamicin, 1 isolate (3%) was resistant to Erythromycin, 6 (17%) resistant isolates to Streptomycin. Higher resistance was observed to Tetracycline 16 (44%) resistant isolates. Very high level of resistance to Quinolons and their derivatives was detected. 25 (69%) and 33 (92%) isolates were resistant to Nalidixic acid Ciprofloxacin and as well.There is low level of microbial resistance to tested antimicrobials in Campylobacter jejuni species in generally. Out of 11 tested Campylobacter jejuni isolates 0 isolates (0%) were resistant to Gentamicin, 1 isolate (9%) was resistant to Streptomycin, 2 (18%) resistant isolates to Erythromycin, 3 (27%) isolates resistant to Tetracycline. Higher resistance was observed to quinolons and their derivatives. 5 (45%) and 6 (55%) isolates resistant to Ciprofloxacin and Nalidixic acid as well. Much higher resistance were detected among Campylobacter coli species. Out of 36 tested Campylobacter coli isolates 0 isolates (0%) were resistant to Gentamicin, 1 isolate (3%) was resistant to Erythromycin, 6 (17%) resistant isolates to Streptomycin. Higher resistance was observed to Tetracycline 16 (44%) resistant isolates. Very high level of resistance to quinolons and their derivatives was detected. 25 (69%) and 33 (92%) isolates were resistant to Nalidixic acid Ciprofloxacin and as well.

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

It is noted a change of Campylobacter serovars in poultry and Salmonella in Slovakia as well. Campylobacter jejuni is a typical species in poultry flocks. We have higher incidence of Campylobacter coli in poultry in Slovakia. Our interesting observation was confirmed in EURL Campylobacter Sweden. According to microbial resistance, level varied between from 0% (Gentamicin) until 92% (Ciprofloxacin). Based on all information attained, it is possible to conclude that Campylobacter bacteria presents source and potential risks of transmission of resistance genes from animals to human.

4.3 ESCHERICHIA COLI, NON-PATHOGENIC

4.3.1 Escherichia coli, non-pathogenic in animals

4.3.1.1 Antimicrobial resistance in E.coli, non-pathogenic, unspecified

Description of sampling designs

The sampling was performed in broilers at slaughterhouses according to the European Commission Implementing Decision 2013/652/EU of 12 November 2013 on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteriaSamples were stratified at five poultry slaughterhouses taking into account capacity of slaughterhouses. Sampling was distributed covering each month during the year and each month was performed random sampling.

Sampling strategy used in monitoring

Frequency of the sampling

The sampling was performed according to the European Commission Implementing Decision 2013/652/EU of 12 November 2013 on monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria. Sampling was distributed covering each month during the year and each month was performed random sampling.

Type of specimen taken

1 sample consisted of 10 pool filled caeca from 10 broilers within one slaughter batch.

Methods of sampling (description of sampling techniques)

There is no harmonized monitoring of prevalence Escherichia coli in animal within Slovakia, the specimen were sampling only according to the Decision 2013/652/EU. This EU monitoring was carried out only in NRL for antimicrobial resistance.

Procedures for the selection of isolates for antimicrobial testing

Considering of high level of caecum contamination with E.coli microflora we had to have select of isolates for antimicrobial testing. The selection was done randomly in every slaughterhouses group (5 slaughterhouses groups) but reflect the day of slaughter and origin of flocks. 86 isolates Escherichia coli out of 298 were selected for antimicrobial testing.

Methods used for collecting data

All the susceptibility tests for monitoring antimicrobial resistance were performed in NRL for antimicrobial resistance and results are stored in appropriate database. Positive isolates are stored in NRL in cryotubes at -80C at least 5 years.

Laboratory methodology used for identification of the microbial isolates

Isolation of Escherichia coli was done based on own accredited procedures including biochemical tests (lactose positive, absence of cytochromoxidase, present of -glucoronidase). Antimicrobial susceptibility was tested by microdilution method in cation adjusted Muller-Hinton broth. The tests were performed following the standards for microdilution of CLSI, EURL-AR protocol and manufacturer guidelines. Microplate Sensititre EUVSEC and EUVSEC2 were used. Reference strain ATCC 25922 Escherichia coli was used as a quality control. The NRL annualy participates in Proficiency Testing organized by EURL-AR, Denmark.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

As mentioned over, NRL used Microplate Sensititre EUVSEC and EUVSEC2. These microplate consist of antimicrobials recommended by the European Commision Implementing Decision 2013/652/EU. EUVSEC - it was total 14 antimicrobials: Ampicillin, Azithromycin, Cefotaxime, Ceftazidime, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Nalidixic acid, Meropenem, Sulfamethoxazole, Tetracycline, Tygecycline, Trimethoprim. EUVSEC2 - it was total 10 antimicrobials: Cefepime, Cefotaxime, Cefotaxime / clavulanic acid, Cefoxitin, Ceftazidime, Ceftazidime / clavulanic acid, Ertapenem, Imipenem, Meropenem, Temocillin.

Cut-off values used in testing

As breakpoints in antimicrobial resistance monitoring were used epidemiological cut-off values (ECOFF) recommended in the Annex to that EC Decision.

Results of the investigation

NRL have analysed 307 samples of pool broilers caeca in 2014 for presence or absence of Escherichia coli. 298 out of 307 were positive for E. coli and we set 86 E. coli antimicrobial profile after randomly selection. There is a large range of microbial resistant level. Varied from 0% until 91%. Out of 86 tested E. coli isolates 0 isolates (0%) were resistant to Tigecycline and Azithromycin as well. 2 (2%), 3 (3%) and 5 (69%) E. coli isolates were resistant to Colistin, Meropenem and Chloramphenicol. 22 isolates were resistant to Cephalosporins a third generation 8 isolates to Ceftazidime and 14 isolates to Cefotaxime. Higher resistance was observed to Sulfonamides and Tetracycline. 38 (44%) isolates were resistant to Sulfamethoxazol, 30 isolates to Trimethoprim and to Tetracyclines 36 (42%) isolates. Very high level of resistance to Penicillins, Quinolons and their derivatives was detected. 58 (67%) isolates were resistant to Ampicillin. 78 (91%) and 72 (84%) isolates were resistant to Nalidixic acid and Ciprofloxacin as well. According to EU legislation all strains resistant to Cefotaxime, Ceftazidime and Meropenem should be further analysed with the second panel of antimicrobials for confirmatory tests for AmpC-, ESBL- and carbapenemase production. NRL have analysed 16 suspected isolates. 2 isolates out of 16 were resistance to Carbapenems -1 isolates to Ertapenem and 1 to Meropenem. Higher resistance was observed to Cephalosporins 3rd and 4th generation. 3 isolates were resistant to Cefoxitin, 5 isolates to Ceftazidime, 10 to Cefepime and 11 to Cefotaxime.

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

Although Escherichia coli is a ubiquitous microorganism and it is not originator of serious illness, level of microbial resistant to specific antimicrobials is threatening high. Based on all information attained, it is possible to conclude that non-pathogenic E. coli presents source and potential risks of transmission of resistance genes from indicator to zoonotic bacteria and from animals to human as well. It is challenge for competent authority help to reduce this level with all possible means.

5 INFORMATION ON SPECIFIC MICROBIOLOGICAL AGENTS

5.1 CRONOBACTER

5.1.1 Cronobacter in foodstuffs

5.1.1.1 Cronobacter in food

Monitoring system

Sampling strategy

Public Health Authority of the Slovak Republic and District Public Health Authorities carry out official food control according Act on foodstuffs 152/1995 which set the target control of food. Samples taken in compliance with this target plan are investigated in acredited laboratories for analyses for Cronobacter sakazakii.Samples are taken from pharmacies, distribution chain and during producing.

Frequency of the sampling

- in accordance with target plan

Type of specimen taken

foodstuffs for children, infant formula

Diagnostic/analytical methods used

ISO/DTS 22964 Detection of Cronobacter sakazakii

Results of the investigation

See Table

5.2 HISTAMINE

5.2.1 General evaluation of the national situation

5.2.1.1 Histamine - general evaluation

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

5.2.2 Histamine in foodstuffs

5.2.2.1 Histamine in food

Monitoring system

Sampling strategy

All samples of foodstuffs were taken according The Commission Decision 2073/2005 and the direction of State Veterinary and Food Administration and according to work out a plan taking of samples

Diagnostic/analytical methods used

HPLC

Preventive measures in place

in case of pass limit for histamine in foodstuff - retire from market network as a unfit for human consumption

Results of the investigation

See table Histamin in foodstuffs.

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

5.3 STAPHYLOCOCCAL ENTEROTOXINS

5.3.1 General evaluation of the national situation

5.3.1.1 Staphylococcal enterotoxins - general evaluation

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

Recent actions taken to control the hazard

5.3.2 Staphylococcal enterotoxins in foodstuffs

5.3.2.1 Staphylococcal enterotoxins in food

Monitoring system

Sampling strategy

Authorities in Slovakia. Samples comprised of official samples taken by inspectors of veterinary and food administrations and public health authorities according to the valid rules for the year. All samples were examined by valid international methods for determination of number of coagulase positive staphylococci (STN EN ISO 6888-1 and 6888-2) and the presence of enterotoxins (Official methods for laboratory diagnostics of food and feed, Part Microbiology: M15, M41, M50 and the European screening method - May 2006 as amended and supplemented - November 2007). The samples comprised of one sampling unit or 5 sampling units according to requirements of an applicant and according to the quantity of sample taken. Samples were taken according sampling plan by inspectors of DVFA and DPHA and in case of suspitions.Most data concerning the genus Staphylococcus and staphylococcal enterotoxins have a link with milk and milk products and processed food. Among the most frequent commodities containing exceeding numbers of coagulase positive staphylococci belonged sheep cheeses, ready-to-eat salads and dishes.

Frequency of the sampling

according to sampling plan

Type of specimen taken

according Commission Decision 2075/2005

Definition of positive finding

demonstration of presence of enterotoxin

Diagnostic/analytical methods used

Detection of staphylococcal enterotoxins types SEA to SEE in alltypes of food matrices - European screening method of the EU-RL for COAGULASE POSITIVE STAPHYLOCOCCI, INCLUDING STAPHYLOCOCCUS AUREUS , Version 5, September 2010STN EN ISO 6888-1, 6888-2

Preventive measures in place

In case of positive finding all foodstuffs are judged as unfit for human consumption.retire of foodstuffs from market network

Measures in case of the positive findings or single cases

In case of positive finding all foodstuffs are judged as unfit for human consumption.

Notification system in place

Rapid Alert System

Results of the investigation

See table Staphylococcal enterotoxins in foodstuffs

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

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

Food-borne outbreaks are reported by physicians and by microbiological laboratories to the department of Epidemiology of Public Health Authorities. Regional epidemiologists provide investigation, organise anti-epidemic actions including food investigation that is suspected as a factor of transmission. All important findings are put in the Early warning system on Friday or immediately

Description of the types of outbreaks covered by the reporting:

There are reported all types of outbreaks: small outbreaks included family outbreak and small local outbreaks (2-5 cases), general outbreaks and bigger household outbreaks (6 and more cases).All verified with strong evidence and possible with weak evidence of food-borne outbreaks are reported.

National evaluation of the reported outbreaks in the country:

Trends in numbers of outbreaks and numbers of human cases involved

In year 2014 there were recorded 489 foodborne outbreaks with 3123 cases. From 489 outbreaks, there were 8 verified outbreaks with strong evidence 1,8% (total cases 372).From all cases reported in outbreaks: salmonellosis represented 31,6% cases, campylobacteriosis 8,1% cases, unknown causative agent 11,2% cases, norovirus 16,7% cases, viral hepatitis A 15,4% cases, other viruses 7% and staphylococcal enterotoxin 0,6% cases. From all outbreaks: salmonellosis represent 40,9%, campylobacteriosis 22,7%, other bacterial agents 1,6%, unknown causative agent 4,9 %, stafylococcal enterotoxin 0,6%, viral hepatitis A 8,8%, noroviruses 7,6% and other viruses 12,9%. Outbreaks of salmonellosis: Trend has increased, the number of cases increased in comparison with year 2013 about 44,3%, (684 in 2013 vs.987 in 2014). There were reported 168 small outbreaks, when were affected 578 people (2-4 cases). We reported 32 bigger outbreaks (5-60 cases) with 409 affected people. Outbreaks of campylobacteriosis: In 2014 there were recorded 111 outbreaks, more than in 2016 (about 5 outbreaks), when were affected 252 persons. There were reported 106 small mostly family outbreaks, when were affected 217 persons and 5 general outbreaks (35 cases). Trend of outbreaks is slightly increased, incidence of sporadic cases increased slightly about 3,7%.Outbreak with unknown agent: 24 outbreaks were reported, when 350 persons were affected. Trend of outbreaks decreased about 29,4%. Number of cases increased about 24,6%.Food-borne viruses: There were reported 43 outbreaks of viral hepatitis A in year 2014 482 cases. All outbreaks were born in areas with low hygienic condition and diseases were spread by close contact. Foods were not suspected as factor of transmission.Slovakia reported 1 outbreak of TBE, Transmission factor in outbreak was fresh sheep cheese from mix of sheep and goat milk. The outbreak was not verified by veterinary investigation.Sheep milk was investigated later from the sheep farm and 1 sample of milk was positive by direct ELISA antigen test.

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

The main causative agent in outbreak of salmonellosis is Salmonella enteritidis. Outbreaks caused by Salmonella typhimurium are rare (2,5%). The most risky are ready foodstuff from raw eggs, poultry meat and pig meat.Food-borne outbreaks caused by Campylobacter have increasing trend. The most risky are foods from the chicken, turkey and non-pasteurised sheep and goat milk and products from it, mainly fresh cheese.

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

Salmonella enteritidis mainly households (family celebrations), outbreaks in commercial restaurants, canteens and school canteens have decreasing trend.Unknown agents hospital/medical care facilities, nursery houses, canteens and school canteens.Campylobacteriosis - mainly households.

Evaluation of the severity and clinical picture of the human cases

No cases of death were recorded during outbreaks. In all 489 outbreaks there were reported 3123 cases, from which 1094 cases were hospitalised (35%). Proportion of hospitalized patients is higher than in year 2013.

Descriptions of single outbreaks of special interest

6.5. 2014 general practitioner from Zvolen reported gastrointestinal problems in 4 people who consumed bread pudding with egg snow on top. Pudding was prepared in the kitchen that distributed food to 5 workplaces (including hospital), where 100 people consumed pudding. 60 of them had symptoms such stomachache, diarrhoea, vomitus and fever. 21 people were hospitalised. In 48 cases were laboratory confirmed (Salmonella enteritidis) , 12 cases were reported in epidemiological link. Sample from bread pudding from 6.5.2014 was negative. Bread pudding is famous meal in Slovakia. It is usually prepared with egg snow un the top, which is half-baked. Therefore such prepared bread pudding is often the source of salmonella outbreaks.

Control measures or other actions taken to improve the situation

Control measures aimed at elimination of imperfections.

Suggestions to the European Union for the actions to be taken

Regarding the salmonellosis, campylobacteriosis and TBE outbreaks especially in households, we suggest to increase the health awareness of population about prevention of diseases by all type of media way..

ANIMAL POPULATION TABLES

Table Susceptible animal population

Animal species	Category of animals	Population		
		holding	animal	slaughter animal (heads)
Cattle (bovine animals)	Cattle (bovine animals) (not specified)	23,257	475,518	38,012
Ducks	Ducks (not specified)	1	583	
Gallus gallus (fowl)	Gallus gallus (fowl) (not specified)	102	7,279,757	18,514,627
Geese	Geese (not specified)	1	2,480	
Goats	Goats (not specified)	3,101	12,574	48
Pigs	Pigs (not specified)	7,919	504,242	507,477
Sheep	Sheep (not specified)	8,076	400,491	80,623
Solipeds, domestic	Solipeds, domestic - horses	3,460	8,383	1
Turkeys	Turkeys (not specified)	7	74,848	4,748

Table Ovine or Caprine 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 micriobiology under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals serologically tested under investigations of suspect cases	Number of infected herds tested under surveillance	Number of animals tested under surveillance	Number of herds tested under surveillance	Total number of animals
Slovenska Republika	4,376	0	4,346	0	176	0	424	0	22,619	3,528	384,589

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 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
Slovenska Republika	8,758	0	8,758	0	400	0	0	0	0	0	0	1,961	0	0	0	0	45,780	1,056	476,141

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
Slovenska Republika	8,758	0	8,758	0	0	0	46,990	60	476,141

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
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	46642	0	Brucella	0
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	animal	3392	0	Brucella	0
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - active - Official sampling - Suspect sampling	animal	441	0	Brucella	0
Deer - farmed - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	167	0	Brucella	0
Deer - farmed - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	260	0	Brucella	0
Goats - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	1235	0	Brucella	0
Goats - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	animal	57	0	Brucella	0
Goats - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - active - Official sampling - Suspect sampling	animal	7	0	Brucella	0
Hares - wild - Hunting - Slovakia - animal sample - blood - Monitoring - Not applicable - Objective sampling	animal	22	0	Brucella	0
Mouflons - wild - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	521	0	Brucella	0
Pigs - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	704	0	Brucella	0
Pigs - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	animal	210	0	Brucella	0
Pigs - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - active - Official sampling - Suspect sampling	animal	51	0	Brucella	0
Sheep - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	22362	0	Brucella	0
Sheep - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	animal	922	0	Brucella	0
Sheep - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - active - Official sampling - Suspect sampling	animal	191	0	Brucella	0
Solipeds, domestic - horses - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Objective sampling	animal	22	0	Brucella	0
Solipeds, domestic - horses - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	animal	4	0	Brucella	0
Solipeds, domestic - horses - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - active - Official sampling - Suspect sampling	animal	2	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
Cats - pet animals - Veterinary clinics - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	13	0	Campylobacter	0
Cats - pet animals - Veterinary clinics - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Suspect sampling	animal	8	0	Campylobacter	0
Cattle (bovine animals) - adult cattle over 2 years - Farm (not specified) - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	14	3	Campylobacter - Campylobacter spp., unspecified	3
Cattle (bovine animals) - adult cattle over 2 years - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	28	1	Campylobacter - Campylobacter spp., unspecified	1
Cattle (bovine animals) - adult cattle over 2 years - Farm (not specified) - Slovakia - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	31	1	Campylobacter - Campylobacter spp., unspecified	1
Cattle (bovine animals) - calves (under 1 year) - Farm (not specified) - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	9	0	Campylobacter	0
Cattle (bovine animals) - calves (under 1 year) - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	13	1	Campylobacter - Campylobacter spp., unspecified	1
Cattle (bovine animals) - calves (under 1 year) - Farm (not specified) - Slovakia - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	9	3	Campylobacter - Campylobacter spp., unspecified	3
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	1	1	Campylobacter - C. coli	1
Dogs - pet animals - Veterinary clinics - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	94	1	Campylobacter - Campylobacter spp., unspecified	1
Dogs - pet animals - Veterinary clinics - Slovakia - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	57	1	Campylobacter - Campylobacter spp., unspecified	1
Gallus gallus (fowl) - breeding flocks for egg production line - Farm (not specified) - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	herd/flock	2	2	Campylobacter - C. coli	2
Gallus gallus (fowl) - broilers - Slaughterhouse - Slovakia - animal sample - caecum - Monitoring - Official sampling - Objective sampling	herd/flock	428	55	Campylobacter - C. coli	36
				Campylobacter - C. jejuni	11
				Campylobacter - Campylobacter spp., unspecified	8
Goats - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	8	2	Campylobacter - Campylobacter spp., unspecified	2
Pigs - fattening pigs - Farm (not specified) - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Campylobacter	0
Pigs - fattening pigs - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	21	3	Campylobacter - Campylobacter spp., unspecified	3
Pigs - mixed herds - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	10	2	Campylobacter - Campylobacter spp., unspecified	2
Pigs - mixed herds - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	2	1	Campylobacter	1

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 - animals over 1 year - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	18	0	Campylobacter	0
Sheep - animals under 1 year (lambs) - Farm (not specified) - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	5	1	Campylobacter - Campylobacter spp., unspecified	1
Sheep - animals under 1 year (lambs) - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	23	0	Campylobacter	0
Zoo animals, all - Zoo - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	4	0	Campylobacter	0
Zoo animals, all - Zoo - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	1	Campylobacter - Campylobacter spp., unspecified	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
Cheeses made from sheep's milk - fresh - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Campylobacter	0
Cheeses made from sheep's milk - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	26	1	Campylobacter - C. jejuni	1
Cheeses made from sheep's milk - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Campylobacter	0
Dairy products (excluding cheeses) - sour milk - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Millilitre	2	0	Campylobacter	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	4	0	Campylobacter	0
Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	2	0	Campylobacter	0
Meat from bovine animals - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Campylobacter	0
Meat from broilers (Gallus gallus) - fresh - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	9	0	Campylobacter	0
Meat from pig - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Campylobacter	0
	single	25	Gram	32	1	Campylobacter - C. jejuni	1
Meat from pig - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Selective sampling	single	25	Gram	14	0	Campylobacter	0
Meat from pig - meat products - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	2	0	Campylobacter	0
Meat from pig - meat products - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Selective sampling	single	25	Gram	9	0	Campylobacter	0
Meat from pig - meat products - Processing plant - Slovakia - food sample - meat - Monitoring - Official sampling - Suspect sampling	single	25	Gram	2	0	Campylobacter	0
Meat from pig - minced meat - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	2	0	Campylobacter	0
Meat from poultry, unspecified - fresh - Catering (not specified) - European Union - food sample - meat - Surveillance - Official sampling - Suspect sampling	single	25	Gram	3	0	Campylobacter	0
Meat from poultry, unspecified - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	37	0	Campylobacter	0
Meat from poultry, unspecified - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Selective sampling	single	25	Gram	13	0	Campylobacter	0
Meat from poultry, unspecified - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Suspect sampling	single	25	Gram	3	0	Campylobacter	0
Meat from poultry, unspecified - meat preparation - Hospital or medical care facility - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Campylobacter	0
Meat from poultry, unspecified - meat preparation - Processing plant - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Campylobacter	0
Milk, cows' - raw milk - Processing plant - Slovakia - food sample - milk - Surveillance - Official sampling - Suspect sampling	single	25	Millilitre	2	0	Campylobacter	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 - Catering (not specified) - Slovakia - food sample - meat - Surveillance - Official sampling - Selective sampling	single	25	Gram	33	0	Campylobacter	0
Other processed food products and prepared dishes - Catering (not specified) - Slovakia - food sample - meat - Surveillance - Official sampling - Suspect sampling	single	25	Gram	12	0	Campylobacter	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Campylobacter	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	single	25	Gram	2	0	Campylobacter	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	5	0	Campylobacter	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Campylobacter	0
	single	10	Gram	40	0	Campylobacter	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	206	0	Campylobacter	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	24	0	Campylobacter	0
	single	10	Gram	153	0	Campylobacter	0
		25	Gram	48	1	Campylobacter - Campylobacter spp., unspecified	1
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	3	0	Campylobacter	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	2	0	Campylobacter	0
Other processed food products and prepared dishes - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	92	0	Campylobacter	0
Other processed food products and prepared dishes - unspecified - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	15	0	Campylobacter	0
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	2	0	Campylobacter	0
Soups - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	2	0	Campylobacter	0
Vegetables - products - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Campylobacter	0

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) - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Industry sampling - Objective sampling	animal	9	0	0	Coxiella (Q-fever)	0
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	1247	7	0	Coxiella (Q-fever)	7
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	979	52	34	Coxiella (Q-fever)	52
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Suspect sampling	animal	1318	6	0	Coxiella (Q-fever)	6
Goats - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	11	0	0	Coxiella (Q-fever)	0
Goats - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	21	0	0	Coxiella (Q-fever)	0
Goats - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Suspect sampling	animal	22	0	0	Coxiella (Q-fever)	0
Hares - wild - Hunting - Slovakia - animal sample - blood - Monitoring - Industry sampling - Objective sampling	animal	22	0	0	Coxiella (Q-fever)	0
Sheep - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Industry sampling - Objective sampling	animal	3	0	0	Coxiella (Q-fever)	0
Sheep - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	4	0	0	Coxiella (Q-fever)	0
Sheep - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Suspect sampling	animal	3	0	0	Coxiella (Q-fever)	0
Solipeds, domestic - horses - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Industry sampling - Objective sampling	animal	6	0	0	Coxiella (Q-fever)	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 desserts - Retail - Unknown - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	2	0	Cronobacter - Cronobacter sakazakii	0
Dairy products (excluding cheeses) - fermented dairy products - Retail - Unknown - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	1	0	Cronobacter - Cronobacter sakazakii	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	4	0	Cronobacter - Cronobacter sakazakii	0
Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	2	0	Cronobacter - Cronobacter sakazakii	0
Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	10	0	Cronobacter - Cronobacter sakazakii	0
	single	10	Gram	8	0	Cronobacter - Cronobacter sakazakii	0
		25	Gram	1	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - dried - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	3	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	10	Gram	65	0	Cronobacter - Cronobacter sakazakii	0
	single	10	Gram	10	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	10	Gram	10	1	Cronobacter - Cronobacter sakazakii	1
	single	10	Gram	1	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	43	0	Cronobacter - Cronobacter sakazakii	0
		25	Gram	34	0	Cronobacter - Cronobacter sakazakii	0
	single	10	Gram	29	0	Cronobacter - Cronobacter sakazakii	0
		25	Gram	33	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	Cronobacter - Cronobacter sakazakii	0
		25	Gram	34	0	Cronobacter - Cronobacter sakazakii	0
	single	10	Gram	31	0	Cronobacter - Cronobacter sakazakii	0
		25	Gram	57	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	6	0	Cronobacter - Cronobacter sakazakii	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
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	12	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	Cronobacter - Cronobacter sakazakii	0
	single	10	Gram	14	0	Cronobacter - Cronobacter sakazakii	0
Infant formula - ready-to-eat - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	Cronobacter - Cronobacter sakazakii	0
	single	10	Gram	10	0	Cronobacter - Cronobacter sakazakii	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
Cats - Unspecified - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Objective sampling	animal	495	0	Echinococcus	0
Cattle (bovine animals) - Slaughterhouse - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	38013	0	Echinococcus	0
Dogs - Unspecified - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Objective sampling	animal	1647	0	Echinococcus	0
Foxes - wild - Hunting - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	222	35	Echinococcus - E. multilocularis	35
Goats - Slaughterhouse - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	48	0	Echinococcus	0
Pigs - Slaughterhouse - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	507483	0	Echinococcus	0
Sheep - Slaughterhouse - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	80628	0	Echinococcus	0
Zoo animals, all - Zoo - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Objective sampling	animal	29	0	Echinococcus	0

Table ESCHERICHIA COLI, PATHOGENIC 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
Dogs - pet animals - Unspecified - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Objective sampling	animal	38	2	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC) - VTEC O157	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
Beverages, alcoholic - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Millilitre	1	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Cheeses, made from mixed milk from cows, sheep and/or goats - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	50	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Meat from broilers (Gallus gallus) - minced meat - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Milk, sheep's - raw milk - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Millilitre	1	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	104	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	26	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Spices and herbs - dried - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	7	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Spices and herbs - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Vegetables - non-pre-cut - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Vegetables - pre-cut - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	0
Vegetables - products - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	31	0	Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	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
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	1	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	1
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Non European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	1
	single	10	Gram	1	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	1
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	1	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	1
Fish - Fishery products which have undergone enzyme maturation treatment in brine - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	2
Fish - Fishery products which have undergone enzyme maturation treatment in brine - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	2
	single	10	Gram	1	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	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	Method	Zoonoses	N of units tested	N of units positive
Fish - Fishery products which have undergone enzyme maturation treatment in brine - Retail - Non European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	2
	single	10	Gram	2	1	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	1
						> 400	Histamine	0	0
						<= 100	Histamine	0	1
Fish - Fishery products which have undergone enzyme maturation treatment in brine - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	2
	single	10	Gram	1	0	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	0
						> 400	Histamine	0	0
						<= 100	Histamine	0	1
Fish - unspecified - Retail - Non European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	8	1	>200 to <= 400	Histamine	0	0
						>100 to <= 200	Histamine	0	1
						> 400	Histamine	0	0
						<= 100	Histamine	0	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) - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - Official sampling - Objective sampling	animal	43	7	Listeria - L. monocytogenes	7
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - Official sampling - Suspect sampling	animal	265	16	Listeria - L. monocytogenes	16
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Selective sampling	animal	39	0	Listeria	0
Dogs - pet animals - Veterinary clinics - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Listeria	0
Goats - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Not applicable - Suspect sampling	animal	4	0	Listeria	0
Goats - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - Official sampling - Suspect sampling	animal	3	0	Listeria	0
Goats - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Selective sampling	animal	7	0	Listeria	0
Goats - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Listeria	0
Sheep - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Not applicable - Suspect sampling	animal	2	1	Listeria - L. monocytogenes	1
Sheep - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - Official sampling - Objective sampling	animal	41	5	Listeria - L. monocytogenes	5
Sheep - Farm (not specified) - Slovakia - animal sample - foetus/stillbirth - Monitoring - Official sampling - Suspect sampling	animal	122	5	Listeria - L. monocytogenes	5
Sheep - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Selective sampling	animal	41	7	Listeria - L. monocytogenes	7
Sheep - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	4	1	Listeria - L. monocytogenes	1
Sheep - Farm (not specified) - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	3	0	Listeria	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 - cakes - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Bakery products - cakes - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Beverages, alcoholic - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Millilitre	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from cows' milk - curd - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	12	0	<100	Listeria - L. monocytogenes	12	0
						<= 100	Listeria - L. monocytogenes	12	0
Cheeses made from cows' milk - curd - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Cheeses made from cows' milk - curd - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	5	0	<100	Listeria - L. monocytogenes	5	0
						<= 100	Listeria - L. monocytogenes	5	0
Cheeses made from cows' milk - hard - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	detection	Listeria - L. monocytogenes	6	0
Cheeses made from cows' milk - hard - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	10	0	<100	Listeria - L. monocytogenes	10	0
						<= 100	Listeria - L. monocytogenes	10	0
Cheeses made from cows' milk - hard - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	12	0	<100	Listeria - L. monocytogenes	12	0
						<= 100	Listeria - L. monocytogenes	12	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	82	3	<100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	82	3	detection	Listeria - L. monocytogenes	81	3
Cheeses made from cows' milk - soft and semi-soft - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	43	0	<100	Listeria - L. monocytogenes	43	0
						<= 100	Listeria - L. monocytogenes	43	0
Cheeses made from cows' milk - soft and semi-soft - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	27	0	<100	Listeria - L. monocytogenes	27	0
						<= 100	Listeria - L. monocytogenes	27	0
Cheeses made from cows' milk - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	1	detection	Listeria - L. monocytogenes	3	1
Cheeses made from cows' milk - unspecified - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Cheeses made from goats' milk - fresh - Farm (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Cheeses made from goats' milk - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Cheeses made from goats' milk - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	2	detection	Listeria - L. monocytogenes	10	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	Method	Zoonoses	N of units tested	N of units positive
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	1	detection	Listeria - L. monocytogenes	1	1
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	158	5	detection	Listeria - L. monocytogenes	158	5
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	25	Gram	2	0	<100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	1	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	1	<100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	1	detection	Listeria - L. monocytogenes	1	1
Cheeses made from sheep's milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	8	0	<100	Listeria - L. monocytogenes	8	0
						<= 100	Listeria - L. monocytogenes	8	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	3	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	3	0	detection	Listeria - L. monocytogenes	1	0
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	23	3	detection	Listeria - L. monocytogenes	23	3
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	<100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	8	0	<100	Listeria - L. monocytogenes	8	0
						<= 100	Listeria - L. monocytogenes	8	0
Cocoa and cocoa preparations, coffee and tea - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Cocoa and cocoa preparations, coffee and tea - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	9	0	<100	Listeria - L. monocytogenes	9	0
						<= 100	Listeria - L. monocytogenes	9	0
Coconut - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Confectionery products and pastes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	75	0	<100	Listeria - L. monocytogenes	75	0
						<= 100	Listeria - L. monocytogenes	75	0
Confectionery products and pastes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	55	0	detection	Listeria - L. monocytogenes	55	0
Confectionery products and pastes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	5	0	<100	Listeria - L. monocytogenes	5	0
						<= 100	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
Confectionery products and pastes - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Confectionery products and pastes - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	5	0	<100	Listeria - L. monocytogenes	5	0
						<= 100	Listeria - L. monocytogenes	5	0
Dairy products (excluding cheeses) - butter - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	detection	Listeria - L. monocytogenes	9	0
Dairy products (excluding cheeses) - butter - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	13	0	<100	Listeria - L. monocytogenes	13	0
						<= 100	Listeria - L. monocytogenes	13	0
Dairy products (excluding cheeses) - butter - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Dairy products (excluding cheeses) - butter - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - cream - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	3	0	detection	Listeria - L. monocytogenes	3	0
Dairy products (excluding cheeses) - cream - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Millilitre	7	0	<100	Listeria - L. monocytogenes	7	0
						<= 100	Listeria - L. monocytogenes	7	0
Dairy products (excluding cheeses) - cream - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Millilitre	5	0	<100	Listeria - L. monocytogenes	5	0
						<= 100	Listeria - L. monocytogenes	5	0
Dairy products (excluding cheeses) - dairy desserts - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	1	detection	Listeria - L. monocytogenes	10	1
Dairy products (excluding cheeses) - dairy desserts - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	22	0	<100	Listeria - L. monocytogenes	22	0
						<= 100	Listeria - L. monocytogenes	22	0
Dairy products (excluding cheeses) - dairy desserts - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - dairy desserts - Retail - Unknown - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - dairy desserts - Retail - Unknown - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	detection	Listeria - L. monocytogenes	11	0
Dairy products (excluding cheeses) - fermented dairy products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	29	0	<100	Listeria - L. monocytogenes	29	0
						<= 100	Listeria - L. monocytogenes	29	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Dairy products (excluding cheeses) - ice-cream - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	12	0	<100	Listeria - L. monocytogenes	12	0
						<= 100	Listeria - L. monocytogenes	12	0
Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Slovakia - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	<100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Slovakia - food sample - milk - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	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) - yoghurt - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Fish - smoked - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Fish - smoked - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	15	0	<100	Listeria - L. monocytogenes	15	0
						<= 100	Listeria - L. monocytogenes	15	0
Fish - unspecified - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Fishery products, unspecified - ready-to-eat - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	18	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Fishery products, unspecified - ready-to-eat - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	18	0	detection	Listeria - L. monocytogenes	15	0
Fishery products, unspecified - ready-to-eat - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Fishery products, unspecified - ready-to-eat - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Fishery products, unspecified - ready-to-eat - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	15	0	detection	Listeria - L. monocytogenes	15	0
Fishery products, unspecified - ready-to-eat - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Fruits - pre-cut - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Infant formula - dried - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
		25	Gram	40	0	<100	Listeria - L. monocytogenes	40	0
						<= 100	Listeria - L. monocytogenes	40	0
	single	10	Gram	15	0	<100	Listeria - L. monocytogenes	15	0
						<= 100	Listeria - L. monocytogenes	15	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	40	0	detection	Listeria - L. monocytogenes	40	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
	single	10	Gram	17	0	<100	Listeria - L. monocytogenes	17	0
						<= 100	Listeria - L. monocytogenes	17	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
	single	25	Gram	10	0	detection	Listeria - L. monocytogenes	10	0
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
	single	25	Gram	14	0	<100	Listeria - L. monocytogenes	14	0
						<= 100	Listeria - L. monocytogenes	14	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
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	detection	Listeria - L. monocytogenes	6	0
	single	25	Gram	14	0	detection	Listeria - L. monocytogenes	14	0
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
	single	25	Gram	18	0	<100	Listeria - L. monocytogenes	18	0
						<= 100	Listeria - L. monocytogenes	18	0
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
	single	25	Gram	18	0	detection	Listeria - L. monocytogenes	18	0
Infant formula - ready-to-eat - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
	single	25	Gram	10	0	<100	Listeria - L. monocytogenes	10	0
						<= 100	Listeria - L. monocytogenes	10	0
Infant formula - ready-to-eat - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
	single	25	Gram	10	0	detection	Listeria - L. monocytogenes	10	0
Meat from bovine animals - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	9	0	<100	Listeria - L. monocytogenes	9	0
						<= 100	Listeria - L. monocytogenes	9	0
Meat from broilers (Gallus gallus) - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	detection	Listeria - L. monocytogenes	10	0
Meat from broilers (Gallus gallus) - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Meat from broilers (Gallus gallus) - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	1	detection	Listeria - L. monocytogenes	3	1
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	14	0	detection	Listeria - L. monocytogenes	14	0
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	116	0	<100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	116	0	detection	Listeria - L. monocytogenes	115	0
Meat from pig - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	detection	Listeria - L. monocytogenes	10	0
Meat from pig - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	44	0	<100	Listeria - L. monocytogenes	44	0
						<= 100	Listeria - L. monocytogenes	44	0
Meat from pig - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Meat from pig - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	25	Gram	1	1	detection	Listeria - L. monocytogenes	1	1
Meat from poultry, unspecified - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Meat from poultry, unspecified - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Meat, mixed meat - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	39	2	<100	Listeria - L. monocytogenes	1	0
						<= 100	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
Meat, mixed meat - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	39	2	detection	Listeria - L. monocytogenes	38	2
Meat, mixed meat - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	31	0	detection	Listeria - L. monocytogenes	31	0
Meat, mixed meat - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Meat, mixed meat - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	14	0	<100	Listeria - L. monocytogenes	14	0
						<= 100	Listeria - L. monocytogenes	14	0
Meat, mixed meat - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	24	0	<100	Listeria - L. monocytogenes	24	0
						<= 100	Listeria - L. monocytogenes	24	0
Meat, mixed meat - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Meat, mixed meat - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Meat, mixed meat - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	11	0	<100	Listeria - L. monocytogenes	11	0
						<= 100	Listeria - L. monocytogenes	11	0
Milk, cows' - pasteurised milk - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	6	0	<100	Listeria - L. monocytogenes	1	0
						<= 100	Listeria - L. monocytogenes	1	0
Milk, cows' - pasteurised milk - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Millilitre	6	0	detection	Listeria - L. monocytogenes	5	0
Milk, cows' - pasteurised milk - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Millilitre	9	0	<100	Listeria - L. monocytogenes	9	0
						<= 100	Listeria - L. monocytogenes	9	0
Milk, cows' - pasteurised milk - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Millilitre	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Milk, cows' - UHT milk - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Millilitre	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Nuts and nut products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Other processed food products and prepared dishes - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Other processed food products and prepared dishes - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	6	0	detection	Listeria - L. monocytogenes	6	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	6	1	detection	Listeria - L. monocytogenes	6	1
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	43	0	<100	Listeria - L. monocytogenes	37	0
						<= 100	Listeria - L. monocytogenes	37	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
	single	25	Gram	43	0	detection	Listeria - L. monocytogenes	43	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 - sandwiches - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	15	0	detection	Listeria - L. monocytogenes	15	0
	single	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Other processed food products and prepared dishes - sandwiches - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	12	0	<100	Listeria - L. monocytogenes	12	0
						<= 100	Listeria - L. monocytogenes	12	0
Other processed food products and prepared dishes - sandwiches - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	12	0	detection	Listeria - L. monocytogenes	12	0
Other processed food products and prepared dishes - sushi - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	22	0	<100	Listeria - L. monocytogenes	22	0
						<= 100	Listeria - L. monocytogenes	22	0
Other processed food products and prepared dishes - sushi - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	22	0	detection	Listeria - L. monocytogenes	22	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	20	0	detection	Listeria - L. monocytogenes	20	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	23	0	<100	Listeria - L. monocytogenes	23	0
						<= 100	Listeria - L. monocytogenes	23	0
		25	Gram	19	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	19	0	detection	Listeria - L. monocytogenes	19	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	4	0	detection	Listeria - L. monocytogenes	4	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Other processed food products and prepared dishes - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	26	0	<100	Listeria - L. monocytogenes	26	0
						<= 100	Listeria - L. monocytogenes	26	0
Other processed food products and prepared dishes - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	10	0	detection	Listeria - L. monocytogenes	10	0
Other processed food products and prepared dishes - unspecified - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	5	0	<100	Listeria - L. monocytogenes	5	0
						<= 100	Listeria - L. monocytogenes	5	0
Ready-to-eat salads - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	21	0	detection	Listeria - L. monocytogenes	21	0
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
	single	25	Gram	16	1	detection	Listeria - L. monocytogenes	16	1
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	single	10	Gram	5	0	<100	Listeria - L. monocytogenes	5	0
						<= 100	Listeria - L. monocytogenes	5	0
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	single	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	2	0	detection	Listeria - L. monocytogenes	2	0
Ready-to-eat salads - containing mayonnaise - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	<100	Listeria - L. monocytogenes	12	0
						<= 100	Listeria - L. monocytogenes	12	0
Ready-to-eat salads - containing mayonnaise - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	detection	Listeria - L. monocytogenes	12	0
Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	30	4	detection	Listeria - L. monocytogenes	30	4

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
Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	detection	Listeria - L. monocytogenes	3	0
Ready-to-eat salads - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	15	0	<100	Listeria - L. monocytogenes	15	0
						<= 100	Listeria - L. monocytogenes	15	0
Ready-to-eat salads - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	48	2	detection	Listeria - L. monocytogenes	48	2
	single	25	Gram	29	0	detection	Listeria - L. monocytogenes	29	0
Ready-to-eat salads - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0
Ready-to-eat salads - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	18	0	<100	Listeria - L. monocytogenes	18	0
						<= 100	Listeria - L. monocytogenes	18	0
	single	10	Gram	6	0	<100	Listeria - L. monocytogenes	6	0
						<= 100	Listeria - L. monocytogenes	6	0
Ready-to-eat salads - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Seeds, dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Spices and herbs - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	4	0	<100	Listeria - L. monocytogenes	4	0
						<= 100	Listeria - L. monocytogenes	4	0
Spices and herbs - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	15	0	<100	Listeria - L. monocytogenes	15	0
						<= 100	Listeria - L. monocytogenes	15	0
Spices and herbs - Retail - Non European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	7	0	<100	Listeria - L. monocytogenes	7	0
						<= 100	Listeria - L. monocytogenes	7	0
Spices and herbs - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	15	0	<100	Listeria - L. monocytogenes	15	0
						<= 100	Listeria - L. monocytogenes	15	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
	single	25	Gram	10	0	detection	Listeria - L. monocytogenes	10	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	batch	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	84	2	<100	Listeria - L. monocytogenes	84	0
						<= 100	Listeria - L. monocytogenes	84	2
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	84	2	detection	Listeria - L. monocytogenes	84	2
Vegetables - pre-cut - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	5	0	detection	Listeria - L. monocytogenes	5	0
Vegetables - pre-cut - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	<100	Listeria - L. monocytogenes	2	0
						<= 100	Listeria - L. monocytogenes	2	0
Vegetables - pre-cut - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	<100	Listeria - L. monocytogenes	3	0
						<= 100	Listeria - L. monocytogenes	3	0

Table LYSSAVIRUS (RABIES) 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
Badgers - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Bats - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	3	0	Lyssavirus (rabies)	0
Cats - pet animals - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	97	0	Lyssavirus (rabies)	0
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Deer - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Dogs - pet animals - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	131	0	Lyssavirus (rabies)	0
Foxes - wild - Hunting - Slovakia - animal sample - brain - Monitoring - active - Official sampling - Objective sampling	animal	1228	0	Lyssavirus (rabies)	0
Foxes - wild - Hunting - Slovakia - animal sample - brain - Monitoring - active - Official sampling - Suspect sampling	animal	67	0	Lyssavirus (rabies)	0
Foxes - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	98	0	Lyssavirus (rabies)	0
Gallus gallus (fowl) - Farm (not specified) - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Hamsters - pet animals - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	4	0	Lyssavirus (rabies)	0
Hamsters - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus (rabies)	0
Marten - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	5	0	Lyssavirus (rabies)	0
Mice - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	3	0	Lyssavirus (rabies)	0
Monkeys - zoo animal - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus (rabies)	0
Pigs - Farm (not specified) - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus (rabies)	0
Rabbits - farmed - Farm (not specified) - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus (rabies)	0
Raccoon dogs - wild - Hunting - Slovakia - animal sample - brain - Monitoring - active - Official sampling - Objective sampling	animal	5	0	Lyssavirus (rabies)	0
Rats - pet animal - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus (rabies)	0
Rats - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	6	0	Lyssavirus (rabies)	0
Wild boars - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	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) - Slaughterhouse - Slovakia - animal sample - lymph nodes - Monitoring - Official sampling - Selective sampling	animal	1	0	Mycobacterium	0
Deer - wild - Unspecified - Slovakia - animal sample - lymph nodes - Monitoring - Industry sampling - Selective sampling	animal	2	0	Mycobacterium	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
Ducks - breeding flocks, unspecified - Hatchery - Slovakia - animal sample - eggs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
Ducks - meat production flocks - Farm (not specified) - Slovakia - animal sample - cloacal swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	4	1	Salmonella - S. Anatum	1
Ducks - meat production flocks - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	herd/flock		Y	3	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	580	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	197	2	Salmonella - S. Enteritidis	2
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	4	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	12	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Suspect sampling	herd/flock		Y	2	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Farm (not specified) - Slovakia - environmental sample - delivery box liner - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Hatchery - Slovakia - animal sample - eggshells - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	24	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for broiler production line - Hatchery - Slovakia - animal sample - eggshells - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	80	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for egg production line - Farm (not specified) - Slovakia - animal sample - caecum - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	3	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for egg production line - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for egg production line - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	8	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for egg production line - Farm (not specified) - Slovakia - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	6	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks for egg production line - Hatchery - Slovakia - animal sample - eggshells - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks, unspecified - Farm (not specified) - Slovakia - - Control and eradication programmes - Official and industry sampling - Census	herd/flock	161	Y	159	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks, unspecified - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	7	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks, unspecified - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	4	0	Salmonella	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
Gallus gallus (fowl) - breeding flocks, unspecified - Hatchery - Slovakia - animal sample - caecum - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
Gallus gallus (fowl) - breeding flocks, unspecified - Hatchery - Slovakia - animal sample - eggshells - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	112	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - European Union - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	18	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - European Union - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	17	13	Salmonella - S. Infantis	13
Gallus gallus (fowl) - broilers - Farm (not specified) - European Union - environmental sample - fabric swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	8	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - - Control and eradication programmes - Official and industry sampling - Census	herd/flock	2198	Y	2140	6	Salmonella - S. Enteritidis	6
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - animal sample - caecum - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	14	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - animal sample - cloacal swab - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	6	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	198	3	Salmonella - S. Enteritidis	1
						Salmonella - S. Infantis	2
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Objective sampling	herd/flock		Y	13	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	herd/flock		Y	4	2	Salmonella - S. Enteritidis	1
						Salmonella - S. Infantis	1
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	91	3	Salmonella - S. Enteritidis	3
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	1682	24	Salmonella - S. Enteritidis	2
						Salmonella - S. Infantis	20
						Salmonella - S. Lille	2
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	62	8	Salmonella - S. Enteritidis	1
						Salmonella - S. Infantis	7
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - environmental sample - delivery box liner - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	4	1	Salmonella - S. Mbandaka	1
				39	11	Salmonella - S. Enteritidis	11
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - environmental sample - fabric swab - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - environmental sample - fabric swab - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - environmental sample - fabric swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	3	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Slovakia - environmental sample - fabric swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Unknown - animal sample - caecum - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	4	0	Salmonella	0
Gallus gallus (fowl) - broilers - Farm (not specified) - Unknown - environmental sample - fabric swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	34	1	Salmonella - S. Enteritidis	1
Gallus gallus (fowl) - broilers - Slaughterhouse - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	herd/flock		Y	13	1	Salmonella - S. Enteritidis	1

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) - European Union - animal sample - cloacal swab - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	9	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - European Union - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	11	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - European Union - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	10	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - European Union - environmental sample - delivery box liner - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	3	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - European Union - environmental sample - fabric swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	21	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - - Control and eradication programmes - Official and industry sampling - Census	herd/flock	273	Y	270	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - cloacal swab - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	11	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - cloacal swab - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	3	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - cloacal swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - eggs - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	11	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	217	3	Salmonella - S. Typhimurium	3
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	27	1	Salmonella - S. Newport	1
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	45	1	Salmonella - S. Typhimurium	1
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	herd/flock		Y	16	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	herd/flock		Y	1	1	Salmonella - S. Enteritidis	1
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	19	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	61	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	10	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	19	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Suspect sampling	herd/flock		Y	8	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - environmental sample - delivery box liner - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	50	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - environmental sample - dust - Control and eradication programmes - Official sampling - Suspect sampling	herd/flock		Y	4	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Slovakia - environmental sample - fabric swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	25	0	Salmonella	0
Gallus gallus (fowl) - laying hens - Farm (not specified) - Unknown - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	11	0	Salmonella	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
Geese - meat production flocks - Farm (not specified) - Slovakia - animal sample - cloacal swab - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	2	1	Salmonella - S. Anatum	1
Geese - meat production flocks - Farm (not specified) - Slovakia - animal sample (not specified) - Clinical investigations - Industry sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Geese - meat production flocks - Farm (not specified) - Slovakia - environmental sample - boot swabs - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	3	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - European Union - animal sample - organ/tissue - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	7	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - European Union - environmental sample - delivery box liner - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - Slovakia - - Control and eradication programmes - Official and industry sampling - Census	herd/flock	35	Y	35	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	12	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	19	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	22	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	235	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	5	0	Salmonella	0
Turkeys - breeding flocks, unspecified - Hatchery - Slovakia - animal sample - caecum - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	4	0	Salmonella	0
Turkeys - fattening flocks - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	herd/flock		Y	2	1	Salmonella - S. Enteritidis	1
Turkeys - meat production flocks - Farm (not specified) - Slovakia - - Control and eradication programmes - Official and industry sampling - Census	herd/flock	18	Y	18	0	Salmonella	0
Turkeys - meat production flocks - Farm (not specified) - Slovakia - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
Turkeys - meat production flocks - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Industry sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	0
				2	1	Salmonella - S. Gallinarum	1
Turkeys - meat production flocks - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		Y	10	2	Salmonella - S. Infantis	2
Turkeys - meat production flocks - Farm (not specified) - Slovakia - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Objective sampling	herd/flock		Y	2	0	Salmonella	0
Turkeys - meat production flocks - Farm (not specified) - Unknown - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		Y	1	0	Salmonella	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 - bread - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Bakery products - cakes - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp.	0
	single	25	Gram	16	0	Salmonella - Salmonella spp.	0
Bakery products - cakes - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Bakery products - cakes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
				26	0	Salmonella - Salmonella spp.	0
	single	25	Gram	7	0	Salmonella - Salmonella spp.	0
Bakery products - desserts - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Bakery products - desserts - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Bakery products - desserts - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Bakery products - pastry - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	71	0	Salmonella - Salmonella spp.	0
Bakery products - pastry - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Bakery products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp.	0
	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Beverages, alcoholic - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Beverages, alcoholic - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Beverages, non-alcoholic - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Beverages, non-alcoholic - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Millilitre	11	0	Salmonella - Salmonella spp.	0
Beverages, non-alcoholic - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Cereals and meals - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
	single	25	Gram	30	0	Salmonella - Salmonella spp.	0
Cereals and meals - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - curd - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - fresh - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	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 - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - soft and semi-soft - Farm (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	5	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	21	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - soft and semi-soft - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Cheeses made from goats' milk - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Cheeses made from goats' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Cheeses made from sheep's milk - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Cheeses made from sheep's milk - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	135	1	Salmonella - S. Infantis	1
Cheeses made from sheep's milk - fresh - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	13	0	Salmonella - Salmonella spp.	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp.	0
Cheeses made from sheep's milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	24	0	Salmonella - Salmonella spp.	0
Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
Cocoa and cocoa preparations, coffee and tea - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Cocoa and cocoa preparations, coffee and tea - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	12	0	Salmonella - Salmonella spp.	0
Coconut - coconut products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Coconut - coconut products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Confectionery products and pastes - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	127	3	Salmonella - S. Enteritidis - PT 14b	3
Confectionery products and pastes - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
	single	25	Gram	159	0	Salmonella - Salmonella spp.	0
Confectionery products and pastes - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
	single	25	Gram	20	0	Salmonella - Salmonella spp.	0
Confectionery products and pastes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	204	0	Salmonella - Salmonella spp.	0
	single	25	Gram	95	0	Salmonella - Salmonella spp.	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
Confectionery products and pastes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Confectionery products and pastes - Retail - European Union - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
Confectionery products and pastes - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	100	0	Salmonella - Salmonella spp.	0
Confectionery products and pastes - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	25	0	Salmonella - Salmonella spp.	0
	single	25	Gram	59	0	Salmonella - Salmonella spp.	0
Crustaceans - unspecified - Retail - Non European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - butter - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - butter - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - dairy desserts - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - dairy desserts - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - dairy products, not specified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - dairy products, not specified - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - fermented dairy products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	46	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	53	0	Salmonella - Salmonella spp.	0
	single	25	Gram	82	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Slovakia - food sample - milk - Monitoring - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
	single	25	Gram	56	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Slovakia - food sample - milk - Monitoring - Official sampling - Selective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp.	0
	single	25	Gram	40	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
				141	0	Salmonella - Salmonella spp.	0
	single	25	Gram	30	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	31	0	Salmonella - Salmonella spp.	0
	single	25	Gram	48	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Retail - Slovakia - food sample - milk - Monitoring - Official sampling - Objective sampling	batch	25	Gram	25	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Retail - Slovakia - food sample - milk - Monitoring - Official sampling - Selective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp.	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) - ice-cream - Retail - Slovakia - food sample - milk - Surveillance - Official sampling - Objective sampling	single	25	Gram	62	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
				5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - ice-cream - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	24	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Dairy products (excluding cheeses) - yoghurt - Retail - European Union - food sample - milk - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Egg products - dried - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Egg products - dried - Unspecified - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	1	Salmonella - S. Bareilly	1
Egg products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp.	0
	single	25	Gram	17	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Retail - European Union - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Eggs - table eggs - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	5	1	Salmonella - S. Enteritidis	1
Eggs - table eggs - Unspecified - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Fish - cooked - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Fish - smoked - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	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
Fish - smoked - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Fishery products, unspecified - cooked - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Fishery products, unspecified - cooked - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Fishery products, unspecified - cooked - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Fishery products, unspecified - ready-to-eat - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Fishery products, unspecified - ready-to-eat - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	4	0	Salmonella - Salmonella spp.	0
		25	Gram	4	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	21	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	2	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - ready-to-eat - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - European Union - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
	single	25	Gram	8	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	14	0	Salmonella - Salmonella spp.	0
	single	25	Gram	14	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	31	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - Retail - European Union - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	10	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
	single	25	Gram	8	0	Salmonella - Salmonella spp.	0
Foodstuffs intended for special nutritional uses - Unspecified - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Fruits - pre-cut - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Fruits - pre-cut - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Fruits - products - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Fruits - products - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	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
Fruits and vegetables - pre-cut - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
Fruits and vegetables - pre-cut - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Retail - European Union - food sample - milk - Monitoring - Official sampling - Objective sampling	batch	25	Gram	65	0	Salmonella - Salmonella spp.	0
	single	25	Gram	10	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Retail - European Union - food sample - milk - Monitoring - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	57	0	Salmonella - Salmonella spp.	0
	single	25	Gram	31	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
	single	25	Gram	7	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
	single	25	Gram	12	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
	single	25	Gram	20	0	Salmonella - Salmonella spp.	0
Infant formula - dried - Retail - Unknown - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Infant formula - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	10	0	Salmonella - Salmonella spp.	0
Infant formula - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp.	0
	single	25	Gram	26	0	Salmonella - Salmonella spp.	0
Infant formula - Retail - Unknown - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from bovine animals - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	11	0	Salmonella - Salmonella spp.	0
Meat from bovine animals - meat preparation - Retail - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from bovine animals - meat products - Catering (not specified) - European Union - food sample - meat - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from bovine animals - meat products - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from bovine animals - minced meat - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - carcase - Slaughterhouse - Slovakia - food sample - neck skin - Monitoring - Official sampling - Objective sampling	batch	25	Gram	163	98	Salmonella - S. Enteritidis	26
						Salmonella - S. Indiana	10
						Salmonella - S. Infantis	74
						Salmonella - S. Typhimurium	3
Meat from broilers (Gallus gallus) - fresh - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	4	Salmonella - S. Enteritidis	1
						Salmonella - S. Indiana	2
						Salmonella - S. Newport	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 broilers (Gallus gallus) - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	2	Salmonella - S. Indiana	1
						Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	28	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - fresh - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - fresh - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - fresh - Retail - Unknown - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat preparation - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - meat preparation - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat preparation - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Selective sampling	batch	25	Gram	1	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - meat preparation - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - meat preparation - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	1	Salmonella - S. Infantis	1
Meat from broilers (Gallus gallus) - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	3	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - offal - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - offal - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from broilers (Gallus gallus) - offal - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	1	Salmonella - S. Infantis	1
Meat from duck - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	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 duck - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from geese - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - carcase - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - fresh - Catering (not specified) - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - fresh - Processing plant - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - fresh - Retail - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	1	Salmonella - S. Enteritidis - PT 8	1
Meat from pig - meat preparation - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	1	Salmonella - S. Enteritidis - PT 8	1
Meat from pig - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	41	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Selective sampling	single	25	Gram	21	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Suspect sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Hospital or medical care facility - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Processing plant - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	59	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Retail - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	35	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Retail - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Retail - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	26	1	Salmonella - S. Derby	1
Meat from pig - meat preparation - Retail - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - meat preparation - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Selective sampling	single	25	Gram	9	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Processing plant - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	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 - Processing plant - Slovakia - food sample - meat - Monitoring - Official sampling - Suspect sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	95	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	1	Salmonella - S. Typhimurium	1
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	7	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	24	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	16	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Meat from pig - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Processing plant - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	10	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Processing plant - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Retail - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	8	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Retail - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Retail - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from pig - minced meat - Retail - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp.	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 - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from poultry, unspecified - fresh - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	12	1	Salmonella - S. Infantis	1
Meat from poultry, unspecified - fresh - Catering (not specified) - Non European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from poultry, unspecified - fresh - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	1	Salmonella - S. Remo	1
Meat from poultry, unspecified - meat preparation - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	44	0	Salmonella - Salmonella spp.	0
Meat from poultry, unspecified - meat preparation - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	single	25	Gram	13	0	Salmonella - Salmonella spp.	0
Meat from poultry, unspecified - meat preparation - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Suspect sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Meat from poultry, unspecified - meat preparation - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Meat from sheep - meat preparation - Catering (not specified) - Slovakia - food sample - meat - Monitoring - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat from turkey - carcase - Slaughterhouse - Slovakia - food sample - neck skin - Monitoring - HACCP and own check - Objective sampling	batch	25	Gram	1	0	Salmonella	0
Meat from turkey - carcase - Slaughterhouse - Slovakia - food sample - neck skin - Monitoring - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella	0
Meat from turkey - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Meat from turkey - fresh - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	1	Salmonella - S. Infantis	1
Meat from turkey - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Meat from turkey - mechanically separated meat (MSM) - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Meat, mixed meat - meat preparation - Processing plant - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	7	0	Salmonella - Salmonella spp.	0
Meat, mixed meat - meat products - Catering (not specified) - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Meat, mixed meat - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	18	0	Salmonella - Salmonella spp.	0
Meat, mixed meat - meat products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	14	0	Salmonella - Salmonella spp.	0
Meat, mixed meat - meat products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	23	0	Salmonella - Salmonella spp.	0
Meat, mixed meat - meat products - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - Processing plant - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	2	0	Salmonella - Salmonella spp.	0
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - Retail - European Union - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	16	0	Salmonella - Salmonella spp.	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, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - Retail - Slovakia - food sample - meat - Surveillance - Official sampling - Objective sampling	batch	10	Gram	1	0	Salmonella - Salmonella spp.	0
Mushrooms - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Nuts and nut products - dried - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Nuts and nut products - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Nuts and nut products - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other food - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	20	0	Salmonella - Salmonella spp.	0
Other food of non-animal origin - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other food of non-animal origin - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
	single	25	Gram	64	1	Salmonella - S. Remo	1
Other processed food products and prepared dishes - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	13	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
	single	25	Gram	16	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	0	Salmonella - Salmonella spp.	0
	single	25	Gram	275	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	38	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	19	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	40	0	Salmonella - Salmonella spp.	0
	single	25	Gram	71	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - European Union - food sample (not specified) - Monitoring - Official sampling - Selective sampling	batch	25	Gram	20	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	25	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	0
	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - noodles - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	12	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - noodles - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - noodles - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Suspect sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	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 - noodles - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
	single	25	Gram	13	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - noodles - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - noodles - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	31	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - noodles - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - noodles - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	32	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	176	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	7	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	38	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	11	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp.	0
	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp.	0
	single	25	Gram	20	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	16	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	22	0	Salmonella - Salmonella spp.	0
	single	25	Gram	58	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	15	0	Salmonella - Salmonella spp.	0
	single	25	Gram	5	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sandwiches - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - sushi - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	39	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	355	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	100	0	Salmonella - Salmonella spp.	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 - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	single	25	Gram	8	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Suspect sampling	single	25	Gram	17	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	96	0	Salmonella - Salmonella spp.	0
	single	25	Gram	1422	1	Salmonella - S. Remo	1
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	47	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	72	0	Salmonella - Salmonella spp.	0
	single	25	Gram	2011	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	57	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp.	0
	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other processed food products and prepared dishes - unspecified - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other products of animal origin - gelatin and collagen - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Other products of animal origin - gelatin and collagen - Wholesale - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Potato chips - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	22	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Selective sampling	single	25	Gram	5	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	5	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - containing mayonnaise - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	45	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - containing mayonnaise - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	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
Ready-to-eat salads - containing mayonnaise - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	12	0	Salmonella - Salmonella spp.	0
	single	25	Gram	7	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	35	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	11	0	Salmonella - Salmonella spp.	0
	single	25	Gram	11	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	13	0	Salmonella - Salmonella spp.	0
	single	25	Gram	24	0	Salmonella - Salmonella spp.	0
Ready-to-eat salads - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
	single	25	Gram	5	0	Salmonella - Salmonella spp.	0
Sauce and dressings - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Sauce and dressings - mayonnaise - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Sauce and dressings - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Seeds, dried - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	26	0	Salmonella - Salmonella spp.	0
Seeds, dried - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Soups - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	10	0	Salmonella - Salmonella spp.	0
Soups - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	11	0	Salmonella - Salmonella spp.	0
Soups - ready-to-eat - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	23	0	Salmonella - Salmonella spp.	0
Soups - ready-to-eat - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Suspect sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Soups - ready-to-eat - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	163	0	Salmonella - Salmonella spp.	0
Soups - ready-to-eat - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	single	25	Gram	8	0	Salmonella - Salmonella spp.	0
Soups - ready-to-eat - Hospital or medical care facility - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	5	0	Salmonella - Salmonella spp.	0
	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Soups - ready-to-eat - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Soups - ready-to-eat - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Spices and herbs - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Spices and herbs - Packing centre (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	6	4	Salmonella - S. Enteritidis - PT 15	4
Spices and herbs - Packing centre (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Spices and herbs - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	34	0	Salmonella - Salmonella spp.	0
	single	25	Gram	22	0	Salmonella - Salmonella spp.	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
Spices and herbs - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	22	0	Salmonella - Salmonella spp.	0
	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Spices and herbs - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	1	Salmonella - S. Ball	1
	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Sweets - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp.	0
Sweets - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Sweets - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	30	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	batch	25	Gram	10	0	Salmonella - Salmonella spp.	0
	single	25	Gram	17	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Suspect sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	158	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
	single	25	Gram	38	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Salmonella - Salmonella spp.	0
Vegetables - pre-cut - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	1	0	Salmonella - Salmonella spp.	0
Vegetables - products - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	20	0	Salmonella - Salmonella spp.	0
Vegetables - products - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Vegetables - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	3	0	Salmonella - Salmonella spp.	0
Water - bottled water - Hospital or medical care facility - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Millilitre	1	0	Salmonella - Salmonella spp.	0
Water - bottled water - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Millilitre	4	0	Salmonella - Salmonella spp.	0
Water - bottled water - Retail - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Millilitre	1	0	Salmonella - Salmonella spp.	0
Water - bottled water - Retail - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	25	Millilitre	24	0	Salmonella - Salmonella spp.	0
Water - bottled water - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Millilitre	32	0	Salmonella - Salmonella spp.	0
Water - bottled water - Unspecified - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	25	Millilitre	4	0	Salmonella - Salmonella spp.	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 - final product - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	21	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for cattle - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	15	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for fish - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for fish - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for pigs - final product - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	7	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for pigs - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for poultry, broilers - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for poultry, broilers - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for poultry, laying hens - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	3	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for poultry, laying hens - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	4	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for rabbits - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Compound feedingstuffs for sheep - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	8	0	Salmonella - Salmonella spp.	0
Feed material of cereal grain origin - barley derived - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	11	0	Salmonella - Salmonella spp.	0
Feed material of cereal grain origin - other cereal grain derived - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	2	0	Salmonella - Salmonella spp.	0
Feed material of cereal grain origin - other cereal grain derived - Feed mill - Unknown - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Feed material of cereal grain origin - wheat derived - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Feed material of land animal origin - animal fat - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	9	0	Salmonella - Salmonella spp.	0
Feed material of land animal origin - blood meal - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
Feed material of land animal origin - dairy products - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	32	0	Salmonella - Salmonella spp.	0
	single	25	Gram	6	0	Salmonella - Salmonella spp.	0
Feed material of land animal origin - dairy products - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	20	0	Salmonella - Salmonella spp.	0
Feed material of land animal origin - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	35	1	Salmonella - S. Typhimurium	1
	single	25	Gram	16	0	Salmonella - Salmonella spp.	0
Feed material of marine animal origin - fish meal - Feed mill - European Union - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	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
Feed material of marine animal origin - fish meal - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	1	Salmonella - S. Saintpaul	1
Other feed material - forages and roughages - Farm (not specified) - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	1	0	Salmonella - Salmonella spp.	0
Other feed material - forages and roughages - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single	25	Gram	5	0	Salmonella - Salmonella spp.	0
Pet food - dog snacks (pig ears, chewing bones) - Retail - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	17	0	Salmonella - Salmonella spp.	0
Pet food - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	4	0	Salmonella - Salmonella spp.	0
	single	25	Gram	53	1	Salmonella - S. Stanley	1
Pet food - final product - Retail - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch	25	Gram	8	0	Salmonella - Salmonella spp.	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 - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	13	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	1	0	Staphylococcal enterotoxins	0
Cheeses made from cows' milk - soft and semi-soft - Retail - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	3	0	Staphylococcal enterotoxins	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	19	0	Staphylococcal enterotoxins	0
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Suspect sampling	batch	25	Gram	2	0	Staphylococcal enterotoxins	0
Confectionery products and pastes - Processing plant - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	10	Gram	5	0	Staphylococcal enterotoxins	0
Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	batch	25	Gram	2	0	Staphylococcal enterotoxins	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	1	1	Staphylococcal enterotoxins	1
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	2	2	Staphylococcal enterotoxins	2
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	3	3	Staphylococcal enterotoxins	3
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	1	1	Staphylococcal enterotoxins	1
Vegetables - pre-cut - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	2	2	Staphylococcal enterotoxins	2
Vegetables - products - Catering (not specified) - European Union - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	1	0	Staphylococcal enterotoxins	0

Table STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) 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
Cats - pet animals - Unspecified - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Suspect sampling	animal	7	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Cattle (bovine animals) - calves (under 1 year) - Farm (not specified) - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Cattle (bovine animals) - dairy cows - Farm (not specified) - Slovakia - animal sample - milk - Clinical investigations - Not applicable - Suspect sampling	animal	123	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Dogs - pet animals - Unspecified - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Suspect sampling	animal	137	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Goats - animals over 1 year - Farm (not specified) - Slovakia - animal sample - milk - Clinical investigations - Not applicable - Suspect sampling	animal	5	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Goats - animals over 1 year - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Pigs - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Sheep - animals under 1 year (lambs) - Farm (not specified) - Slovakia - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Sheep - milk ewes - Farm (not specified) - Slovakia - animal sample - milk - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Solipeds, domestic - horses - Unspecified - Slovakia - animal sample (not specified) - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	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
Confectionery products and pastes - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	2	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Other processed food products and prepared dishes - noodles - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Selective sampling	single	10	Gram	2	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Other processed food products and prepared dishes - noodles - Hospital or medical care facility - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	1	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	1	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	2	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	1	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	10	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Other processed food products and prepared dishes - unspecified - Catering (not specified) - Slovakia - food sample (not specified) - Surveillance - Official sampling - Objective sampling	single	10	Gram	1	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Ready-to-eat salads - containing mayonnaise - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	3	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Vegetables - pre-cut - Catering (not specified) - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	2	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	0
Vegetables - pre-cut - Processing plant - Slovakia - food sample (not specified) - Monitoring - Official sampling - Objective sampling	single	10	Gram	2	0	Staphylococcus - S. aureus, meticillin resistant (MRSA)	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
Cats - Veterinary clinics - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	2	1	Toxoplasma - T. gondii	1
		37	0	Toxoplasma	0
Cats - Veterinary clinics - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Toxoplasma	0
Cats - Veterinary clinics - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	33	14	Toxoplasma - T. gondii	14
Cats - Veterinary clinics - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Objective sampling	animal	15	0	Toxoplasma	0
		506	3	Toxoplasma - T. gondii	3
Cattle (bovine animals) - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Toxoplasma	0
Dogs - Veterinary clinics - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	9	1	Toxoplasma - T. gondii	1
Dogs - Veterinary clinics - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Toxoplasma	0
Dogs - Veterinary clinics - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	5	1	Toxoplasma - T. gondii	1
Goats - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	7	1	Toxoplasma - T. gondii	1
Goats - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	5	2	Toxoplasma - T. gondii	2
Hares - wild - Hunting - Slovakia - animal sample - blood - Monitoring - Not applicable - Selective sampling	animal	22	0	Toxoplasma	0
Lynx - zoo animal - Zoo - Slovakia - animal sample - blood - Monitoring - Not applicable - Objective sampling	animal	4	4	Toxoplasma - T. gondii	4
Pigs - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Toxoplasma	0
Sheep - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Toxoplasma	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
Bears - wild - Hunting - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	8	1	Trichinella - T. britovi	1
Foxes - wild - Hunting - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	191	16	Trichinella - T. britovi	10
				Trichinella - T. spiralis	1
				Trichinella - Trichinella spp., unspecified	5
Pigs - breeding animals - Slaughterhouse - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	11040	0	Trichinella	0
Pigs - fattening pigs - Farm (not specified) - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	92	0	Trichinella	0
Pigs - fattening pigs - Slaughterhouse - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	496437	0	Trichinella	0
Solipeds, domestic - horses - Slaughterhouse - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	1	0	Trichinella	0
Wild boars - wild - Game handling estabilishment - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	3760	2	Trichinella - T. britovi	2
Wild boars - wild - Hunting - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	11815	4	Trichinella - T. britovi	4

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
Deer - farmed - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	No	10	0		West Nile virus	0
Solipeds, domestic - horses - Farm (not specified) - Slovakia - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	No	1	0		West Nile virus	0
Solipeds, domestic - horses - Farm (not specified) - Slovakia - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	No	412	0		West Nile virus	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 - pet animals - Unspecified - Slovakia - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	35	0	Yersinia	0

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**
Bacteria - Other Bacterial agents	Unknown						8	219	30	0
Calicivirus - norovirus (Norwalk-like virus)	Unknown						31	520	153	0
Campylobacter - Campylobacter spp., unspecified	Unknown						111	252	20	0
Clostridium - Clostridium spp., unspecified	Unknown						2	5	5	0
Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	Unknown						1	3	3	0
Hepatitis virus	Unknown						43	482	481	0
Salmonella - Other serovars	Unknown						12	31	8	0
Salmonella - S. Enteritidis	Eggs and egg products		5	193	52	0				
	Unknown						175	573	152	0
Salmonella - S. Enteritidis - PT 8	Pig meat and products thereof		1	164	17	0				
	Eggs and egg products		1	6	1	0				
Salmonella - S. Typhimurium	Unknown						5	11	5	0
Salmonella - S. Virchow	Eggs and egg products		1	9	2	0				
Shigella	Unknown						5	17	5	0
Staphylococcal enterotoxins	Unknown						1	20	2	0
Viruses - Other Viruses	Unknown						63	268	121	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	Eggs and egg products		Descriptive epidemiological evidence	Canteen or workplace catering	Canteen or workplace catering	Slovakia	Inadequate heat treatment		1	60	18	0
						Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Canteen or workplace catering	Slovakia	Inadequate heat treatment		1	16	1	0
							Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Czech Republic	Inadequate heat treatment		1	47	11	0
					Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Slovakia	Inadequate heat treatment		1	60	19	0
		Household / domestic kitchen	Eggs and egg products		Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Household	Slovakia	Inadequate heat treatment		1	10	3	0
Salmonella - S. Enteritidis - PT 8		General	Pig meat and products thereof		Analytical epidemiological evidence	Canteen or workplace catering	Canteen or workplace catering	Slovakia	Inadequate heat treatment		1	164	17	0
		Household / domestic kitchen	Eggs and egg products		Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Household	Slovakia	Inadequate heat treatment		1	6	1	0
Salmonella - S. Virchow		Household / domestic kitchen	Eggs and egg products		Descriptive epidemiological evidence	Household	Household	Slovakia	Inadequate heat treatment		1	9	2	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
Bacteria - Other Bacterial agents		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		8	219	30	0
Calicivirus - norovirus (Norwalk-like virus)		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		31	520	153	0
Campylobacter - Campylobacter spp., unspecified		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		111	252	20	0
Clostridium - Clostridium spp., unspecified		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		2	5	5	0
Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		1	3	3	0
Hepatitis virus		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		43	482	481	0
Salmonella - Other serovars		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		12	31	8	0
Salmonella - S. Enteritidis		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		175	573	152	0
Salmonella - S. Typhimurium		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		5	11	5	0
Shigella		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		5	17	5	0
Staphylococcal enterotoxins		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		1	20	2	0
Viruses - Other Viruses		NOT AVAILABLE	Unknown		Unknown		NOT AVAILABLE	Unknown	NOT AVAILABLE		63	268	121	0

Table Antimicrobial susceptibility testing of Campylobacter - C. coli in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

	AM substance	Aminoglycosides - Gentamicin	Aminoglycosides - Streptomycin	Fluoroquinolones - Ciprofloxacin	Macrolides - Erythromycin	Quinolones - Nalidixic acid	Tetracyclines - Tetracycline
	ECOFF	**4**	**8**	**1**	**8**	**32**	**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	**36**	**36**	**36**	**36**	**36**	**36**
MIC	**N of resistant isolates**	**0**	**6**	**33**	**1**	**25**	**16**
<=0.12		1		1			
<=0.25			1				
0.25		9					
<=0.5							15
0.5		22	1	2			
<=1					33	2	
1		3	17				2
2		1	10	6	1		3
4				19	1		
8			1	5		1	
16			1	3			
>16			5				
32						8	1
64						20	5
>64						5	10
>128					1		

Table Antimicrobial susceptibility testing of Campylobacter - C. jejuni in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

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

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Polymyxins - Colistin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.12**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**2**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**16**	**128**	**1024**	**64**	**32**
	N of tested isolates	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**	**15**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**2**	**4**	**0**	**0**	**0**
<=0.015							1								
<=0.03				12											
0.03							9								
0.06				3			1								
<=0.25					15			15							11
0.25							4								
<=0.5		14				15									
0.5															4
<=1										6	7				
1		1													
<=2														15	
2										8	6				
<=4												10			
4									10	1	2				
<=8			15												
8									5			1			
16													1		
32													10		
64													4		
>128												4			

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - delivery box liner

Sampling Context: Monitoring

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Table Antimicrobial susceptibility testing of Salmonella - S. Indiana in Meat from broilers (Gallus gallus) - carcase (not specified)

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Table Antimicrobial susceptibility testing of Salmonella - S. Infantis in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Table Antimicrobial susceptibility testing of Salmonella - S. Infantis in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Table Antimicrobial susceptibility testing of Salmonella - S. Infantis in Meat from broilers (Gallus gallus) - offal - liver (not specified)

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Polymyxins - Colistin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**2**	**16**	**0.12**	**0.5**	**2**	**0.06**	**1**	**16**	**8**	**2**	**16**	**256**	**8**	**2**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**16**	**128**	**1024**	**64**	**32**
	N of tested isolates	**36**	**36**	**36**	**36**	**36**	**36**	**36**	**36**	**36**	**36**	**36**	**36**	**36**	**36**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**36**	**0**	**0**	**8**	**0**	**36**	**36**	**36**	**0**
<=0.03				35											
0.06				1											
<=0.25					34										32
0.25							1								
<=0.5		35				31									
0.5					2		11	12							4
<=1										1	26				
1		1				5	16	24							
2							3			8	10				
4							5		4	19					
<=8			36												
8									13						
16									19						
>64										8				36	
>128												36			
>1024													36		

Table Antimicrobial susceptibility testing of Salmonella - S. Infantis in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Table Antimicrobial susceptibility testing of Salmonella - S. Infantis in Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Industry sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Farm (not specified)

Sampling Type: environmental sample - delivery box liner

Sampling Context: Monitoring

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: European Union

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

Table Antimicrobial susceptibility testing of Salmonella - S. Newport in Gallus gallus (fowl) - laying hens - during rearing period (not specified)

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Farm (not specified)

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of OriginSlovakia

	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	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	Positive/Present	Negative/Absent	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
	Ceftazidime synergy test	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	Positive/Present	Negative/Absent	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
	ECOFF	0.12	1	0.125	0.25	0.5	16	16	16	1	0.5	1	64
	Lowest limit	0.015	0.12	0.03	0.06	0.25	0.5	0.5	0.5	0.25	0.06	0.12	0.5
	Highest limit	2	16	16	32	64	64	64	64	128	64	128	128
	N of tested isolates	16	16	16	16	16	16	16	16	16	16	16	16
MIC	N of resistant isolates	0	0	0	11	11	3	3	3	5	2	2	0
<=0.015		13											
<=0.03				14									
0.03		2											
<=0.06					4						12		
0.06				1									
<=0.12			13									14	
0.12		1		1	1						2		
<=0.25						5				4			
0.25			3										
0.5										6			
1					4					1			
2					2		1	3	1	1			
4					1		2	2	2	3	1		4
8					3	3		1				1	10
16						1	1				1		
32						7						1	2
>32					1								
64							1		1	1			
>64									1				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic - E.coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of OriginSlovakia

	AM substance	Aminoglycosides - Gentamicin	Amphenicols - Chloramphenicol	Carbapenems - Meropenem	Cephalosporins - Cefotaxime	Cephalosporins - Ceftazidime	Fluoroquinolones - Ciprofloxacin	Glycylcyclines - Tigecycline	Macrolides - Azithromycin	Penicillins - Ampicillin	Polymyxins - Colistin	Quinolones - Nalidixic acid	Sulfonamides - Sulfamethoxazole	Tetracyclines - Tetracycline	Trimethoprim
	ECOFF	**4**	**32**	**0.125**	**0.5**	**1**	**0.125**	**2**	**32**	**16**	**4**	**32**	**128**	**16**	**4**
	Lowest limit	**0.5**	**8**	**0.03**	**0.25**	**0.5**	**0.015**	**0.25**	**2**	**1**	**1**	**4**	**8**	**2**	**0.25**
	Highest limit	**32**	**128**	**16**	**4**	**8**	**8**	**8**	**64**	**64**	**16**	**128**	**1024**	**64**	**32**
	N of tested isolates	**85**	**85**	**85**	**85**	**85**	**85**	**85**	**85**	**85**	**85**	**85**	**85**	**85**	**85**
MIC	**N of resistant isolates**	**4**	**7**	**0**	**11**	**5**	**72**	**0**	**0**	**56**	**0**	**78**	**37**	**35**	**30**
<=0.015							2								
<=0.03				84											
0.03							1								
0.06				1			2								
0.12							8								
<=0.25					74			35							34
0.25							9								
<=0.5		70				75									
0.5							3	33							16
<=1										4	81				
1		7			1	5	10	17							3
<=2									33					38	
2		3					6			9	4				1
<=4												5			
4		1			1	3	13		25	15				8	1
>4					9										
<=8			72										31		
8		1				1	26		11					2	1
>8						1	5								
16		3	3						6	1			9	2	
32			3						10			2	6	2	3
>32															26
64			2									2		8	
>64										56				25	
128			3									7	2		
>128			2									69			
512													1		
1024													2		
>1024													34		