European Food Safety Authority

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 2016

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 2016.

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 Populations

1.1.1 Information on susceptible animal population

Sources of information

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

Dates the figures relate to and the content of the figures

31. december 2016

2 DISEASE STATUS

2.1 TUBERCULOSIS, MYCOBACTERIAL DISEASES

2.1.1 General evaluation of the national situation

2.1.1.1 Mycobacterium - general evaluation

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.

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 Mycobacterium tuberculosis complex (MTC) in animal - Cattle (bovine animals) - animal sample

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, lung lavage

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

Vaccination policy

vaccination is not performed

Control program/mechanisms

The control program/strategies in place

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 given year - 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 animal

Recent actions taken to control the zoonoses

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

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, SVFA notify to EC

Notification system in place

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

2.2 BRUCELLOSIS

2.2.1 General evaluation of the national situation

2.2.1.1 Brucella - general evaluation

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 continuous monitoring of epidemiological situation through monitoring of anibodies against Brucella in holdings is carried out. Detection of postinfection anti-brucella antibodies is 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 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) - animal sample

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.

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 2016 all cattle over 24 month; -o nce 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 for serological tests and 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 / EEC. Serological tests: Serum agglutination test, Complement fixation test, Rose Bengal test, ELISA. Bacteriological tests: Cultivation, isolation and identification of bacteria genus Brucella Identification of bacteria (biotype); Biochemical tests; Agglutination in monospecific antisera; Typing with bacteriophags; Molecular 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 based on Commission Decision 2005/179/ES. To maintain this status there is performing surveillance according Plan of veterinary prevention and protection of state territory. 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 is performed.

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 authority. Each bovine animal suspicious of brucellosis infection shall be notified to the competent veterinary 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.

2.2.2.2 B. melitensis in animal - Goats - animal sample

Status as officially free of caprine brucellosis during the reporting year

The entire country free

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

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 ag; - once a year all breeding goat; - 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; - 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, ELISA; Bacteriological tests-Cultivation, isolation and identification of bacteria genus Brucella; Identification of bacteria (biotype; Biochemical test; Agglutination in monospecific antisera; Typing with bacteriophags; Real-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.

Recent actions taken to control the zoonoses

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 authority.

2.2.2.3 B. melitensis in animal - Sheep - animal sample

Status as officially free of ovine brucellosis during the reporting year

The entire country free

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

Monitoring system

Sampling strategy

Examination of individual blood samples serologicall: -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 ; -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, ELISA; Bacteriological tests_Cultivation, isolation and identification of bacteria genus Brucella; Identification of bacteria (biotype); Biochemical tests; Agglutination in monospecific antisera; Typing with bacteriophags; R eal-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.

Recent actions taken to control the zoonoses

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 authority.

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 Salmonella in foodstuffs

3.1.1.1 Salmonella in food - All foodstuffs - food sample

Monitoring system

Sampling strategy

All data were collected from the State Veterinary and Food Institute and 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 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 complaint

Type of specimen taken

According Regulation (EC) No 2073/2005

Diagnostic/analytical methods used

Bacteriological method: STN EN ISO 6579

Control program/mechanisms

The control program/strategies in place

State Veterinary and Food Adminstration of the Slovak Republic with District Veterinary and Food Administrations and Public Health Authority with Regional Public Health Authorites are competent authorities in official food controls. Within official controls regularly are tested compliance with microbiological criteria according Commission Regulation 2073/2005 on microbioological criteria in foodstuffs. Official controls cover controls of FBO and foodstufs on market. Sampling is carried out according national plan for official controls.

Measures in case of the positive findings or single cases

According Regulation (EC) No 2073/2005

Results of the investigation

See relevant tables.

3.1.2 Salmonella in animals

3.1.2.1 Salmonella in animal - All animals - animal sample

Monitoring system

Sampling strategy

Samples in animals are taken within nation control programs in poultry. Monitoring of Salmonella in other animal species has not been performed in Slovak Republic. Owner, farmer or private vets take samples in case of suspicion of disease. .

Diagnostic/analytical methods used

EN ISO 6579, OIE and Bergey's Manual

3.1.2.2 Salmonella in animal - Gallus gallus (fowl) - broilers - animal sample

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: Before slaughter at farm

Each flock once within 3 weeks before slaughter

Type of specimen taken

Broiler flocks: Before slaughter at farm

Faeces - two pairs of boot/sock swabs per flock

Methods of sampling (description of sampling techniques)

Broiler flocks: Before slaughter at farm

SAMPLING PROTOCOL: At 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: 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.

Diagnostic/analytical methods used

Broiler flocks: Before slaughter at farm

Bacteriological method: STN EN ISO 6579/A1:2008 Serotyping : White-KaufmannLeMinor scheme

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: 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.

Notification system in place

Owner or holder of broilers is obliged to notify the suspicion and outbreak of Salmonella infection without any delay.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 laboratory 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 .

Results of the investigation

See relevant table.

3.1.2.3 Salmonella in animal - Gallus gallus (fowl) - laying hens - animal sample

Monitoring system

Sampling strategy

Laying hens flocks

The aim of the programme is the reduction of the maximum percentage equal to 2% or less of positive flocks of adult laying hens.

Frequency of the sampling

Laying hens: Day-old chicks

Once at the initiative of the food business operator

Laying hens: Rearing period

Each flock once within 2 weeks before moving to the laying phase at the initiative of the food business operator

Laying hens: Production period

Sampling at the initiative of the food business operator shall take place at least every 15 weeks. The first sampling shall take place at the flock-age of 24 +/– 2 weeks. 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 the relevant Salmonella was detected in the preceding flock; (c) in any case of suspicion of Salmonella infection when investigating food-borne outbreaks in accordance with Article 8 of Directive 2003/99/EC or any cases where the competent authority considers it appropriate, using the sampling protocol laid down in point 4(b) of Part D to Annex II to Regulation (EC) No 2160/2003; (d) in all other laying flocks on the holding in case Salmonella Enteritidis or Salmonella Typhimurium is detected in one laying flock on the holding; (e) in cases where the competent authority considers it appropriate. A sampling carried out by the competent authority may replace one sampling at the initiative of the food business operator.

Laying hens: Before slaughter at farm

Each flock once within 3 weeks before slaughter

Type of specimen taken

Laying hens: Day-old chicks

Meconium

Laying hens: Rearing period

Faeces

Laying hens: Production period

2 × 150 grams of naturally pooled faeces (in cage flocks) two pairs of boot swabs or socks (in barn or free-range houses); official sampling 3x 150 gram of faeces, 3 pairs of boot swabs or socks (in barn or free-range houses)

Laying hens: Before slaughter at farm

Faeces - 2 samples of faeces or two pairs of boot swabs per flock

Methods of sampling (description of sampling techniques)

Laying hens: Production period

Sampling by the food business operator: (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 shall be taken. Boot swabs used must be sufficiently absorptive to soak up moisture. The surface of the boot swab must be moistened using appropriate diluents. The samples must be taken while walking through the house using a route that produces 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 must be included in the sampling. On completion of the sampling in the chosen sector, boot swabs must be removed carefully so as not to dislodge adherent material. Official sampling: At least one sample must be collected using the sampling protocol in addition to samples taken at the initiative of the FBO. The type of specimen taken is the same as in sampling by the FBO. The competent authority may decide to allow replacement of one faecal sample or one pair of boot swabs by a dust sample of 100 grams collected from multiple places throughout the house from surfaces with a visible presence of dust. As an alternative one or several moistened fabric swab(s) of at least 900 cm2 surface area in total may be used instead to gather dust from multiple surfaces throughout the house, ensuring that each swab is well coated with dust on both sides. The competent authority may decide to increase the minimum number of samples in order to ensure representative sampling on a case-by-case evaluation of epidemiological parameters, namely the biosecurity conditions, the distribution or size of the flock or other relevant conditions.

Case definition

Laying hens: Production period

A laying flock is considered positive where the presence of the relevant Salmonella serotypes (other than vaccine strains) has been detected in one or more samples taken in the flock, even if the relevant Salmonella serotype is only detected in the dust sample or dust swab; or antimicrobials or bacterial growth inhibitors have been detected in the flock.

Diagnostic/analytical methods used

Laying hens: Day-old chicks

Bacteriological method: STN EN ISO 6579/A1:2008 Serotyping : White-KaufmannLeMinor scheme

Laying hens: Rearing period

Bacteriological method: STN EN ISO 6579/A1:2008 Serotyping : White-KaufmannLeMinor scheme

Laying hens: Production period

Bacteriological method: STN EN ISO 6579/A1:2008 Serotyping : White-KaufmannLeMinor scheme

Vaccination policy

Laying hens flocks

Vaccination against Salmonella in laying hens is permitted in rearing flocks to reduce excretion, contamination of the eggs of Salmonella Enteritidis. Vaccination is allowed in Slovak Republic 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. Vaccines providers are registered by the Institute for the State Control of Veterinary Biologicals and Medicaments in Nitra. The dosage, method of application and the vaccination schedule must be in accordance with the recommendations of the vaccine manufacturer. Vaccination and revaccination must be completed no later than three weeks before the planned transfer of pullets to laying phase. Number of doses administered per bird is 3. Use of Salmonella vaccines is in compliance with Regulation (EC) No 1177/2006.

Measures in case of the positive findings or single cases

Laying hens flocks

The measures (in flocks in which the presence of targeted serotypes have been detected) must comply with the following minimum requirements: No bird may leave the house concerned unless the competent authority has authorized the killing of animals and safe disposal under supervision or slaughter in a slaughterhouse designated by the competent authority. Due to the presence or the suspicion of the presence of SE or ST in the flock, eggs cannot be used for human consumption unless heat treated; eggs from these flocks shall be marked and considered as class B eggs. Slaughterhouses shall include in their sampling plans poultry carcases from flocks with an unknown salmonella status or with a status known to be positive for Salmonella Enteritidis or Salmonella Typhimurium. FBO in the slaughterhause shall ensure separate slaughtering of infected poultry, high standard of cleaning and desinfection-biosecurity, evidence. When birds from infected flocks are slaughtered or killed, there must be taken certain steps to reduce the risk of spreading the zoonoses as far as possible. Slaughtering/killing must be carried out in accordance with Community legislation on food hygiene and animal welfare . Products derived from such birds may be placed on the market for human consumption in accordance with community legislation on food hygiene. Official veterinarian or CA shall ensure control during the slaughtering, evidence, e.c. The products derived from such birds and meat from infected poultry may be placed on the market for human consumption after heat treatment.

Notification system in place

Owner or holder of laying hens is obliged to notify the suspicion and outbreak of Salmonella infection without any delay. The state veterinary laboratories in the Slovak Republic notify the results of all examinations of the 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 or Salmonella Typhimurium is detected in a flock, the laboratory 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

3.1.2.4 Salmonella in animal - Gallus gallus (fowl) - breeding flocks, unspecified - animal sample

Monitoring system

Sampling strategy

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

In the SR breeding flocks of Gallus gallus are sampled according to the following scheme: rearing flocks: day-old chicks; four-week-old birds; two weeks before moving to laying phase or laying unit; adult breeding flocks: every third week during the laying period; Sampling at the initiative of the operator shall take place at the hatchery or at the farm. Official control sampling is taken as a routine sampling and confirmatory sampling at the holding, following detection of relevant salmonella from sampling at hatchery.

Frequency of the sampling

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

FBO sampling : Every 2 weeks at hatchery Official sampling: routine sampling every 16 weeks at hatchery, which shall on that occasion replace the corresponding sampling at the initiative of the operator

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

FBO: 2 weeks prior to moving to laying phase

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

FBO: Every 3 weeks during the laying period Official sampling : 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

Type of specimen taken

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

hatcher basket liners, fabric swabs, broken eggshells

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

Faeces, Boot swabs, dust

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

Faeces, Boot swabs dust

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): Day-old chicks

The detection 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-Vassiliadis medium, MSRV) is used as the single selective enrichment medium. At least one isolate from each positive sample shall be serotyped, following the White-KaufmannLeMinor scheme.

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

The detection 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-Vassiliadis medium, MSRV) is used as the single selective enrichment medium. At least one isolate from each positive sample shall be serotyped, following the White-KaufmannLeMinor scheme.

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

The detection 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-Vassiliadis medium, MSRV) is used as the single selective enrichment medium. At least one isolate from each positive sample shall be serotyped, following the White-KaufmannLeMinor scheme.

Vaccination policy

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

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 is allowed (it has an optional basis) in breeding flocks in the Slovak Republic using dead 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.

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)

National Control Programme for Salmonella in breeding flocks of Gallus Gallus was submitted and approved by the European Commission. The programme was carried out on the whole territory of the Slovak Republic, based on the Regulation No 2160/2003/EC on the control of salmonella and other specified food-borne zoonotic agents. The target for the reduction of Salmonella Enteritidis, Salmonella Hadar, Salmonella Infantis, Salmonella Typhimurium, including monophasic Salmonella Typhimurium with the antigenic formula 1,4,[5],12:i:-, and Salmonella Virchow in breeding flocks of Gallus gallus shall be a reduction to 1 % or less of the maximum percentage of adult breeding flocks of Gallus gallus (with at least 250 birds) remaining positive. 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 Gallus 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 Monitoring for salmonella composing the target in adult breeding flocks of Gallus gallus comprising at least 250 birds.

Recent actions taken to control the zoonoses

National control programme for Salmonella infections in poultry Gallus Gallus breeding flocks in Slovak Republic in 2015 Control of movement of poultry and hatching eggs Vaccination Hygiene management at farms Official controls of feed Measures 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 (in flocks in which the presence of targeted serotypes have been detected) must comply with the following minimum requirements: 1. No bird may leave the house concerned unless the competent authority has authorized the killing of animals and safe disposal under supervision or slaughter in a slaughterhouse designated by the competent authority. 2.When birds from infected flocks are slaughtered or killed, there must be taken certain steps to reduce the risk of spreading the zoonoses as far as possible. Slaughtering/killing must be carried out in accordance with Community legislation on food hygiene and/or animal welfare. Products derived from such birds may be placed on the market for human consumption in accordance with community legislation on food hygiene and, once applicable, part E (appointing the Specific requirements concerning fresh meat) of the ANNEX II of the Regulation No 2160/2003/EC. If not destined for human consumption, such products must be used or disposed of in accordance with Regulation (EC) No. 1069/2009. 3.A thorough cleansing and disinfection of the premises must be carried out after slaughtering or killing of the infected flocks, including safe disposal of manure or litter, in accordance with procedure laid down by the competent veterinary administration authority. Official samples (swabs of the environment) are taken for proving the effectivity of the disinfection and the restocking is possible only after the negative results are reported from the NRL for Salmonella (SVFI - VFI in Bratislava). 4. Incubated hatching eggs originating from infected flocks must be used or disposed of in accordance with Regulation (EC) No. 1069/2009. 5. Non-incubated hatching eggs originating from infected flocks have to be safe disposed. However they may be used for human consumption if treated in a manner that guarantees the elimination of all Salmonella serotypes with public health significance in accordance with Community legislation on food hygiene.

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. The state veterinary laboratories in the Slovak Republic notify the results of all examinations in breeding 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 . 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 laboratory 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.

3.1.2.5 Salmonella 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 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 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, 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 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): Day-old chicks

once

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

at four weeks of age and two weeks before moving to the laying phase

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

every 4. week during the laying period at the holding or at the hatchery.

Meat production flocks: Before slaughter at farm

Within 3 weeks prior to slaughter

Type of specimen taken

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

hatcher basket liners or broken eggshells

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

Faeces

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

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 buboot/sock swabs, dust, faeceslding.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.

Meat production flocks: Before slaughter at farm

boot/sock swabs, dust, faeces

Case definition

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

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

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

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

Diagnostic/analytical methods used

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

Bacteriological method: STN EN ISO 6579/A1:2008 Serotyping : White-KaufmannLeMinor scheme

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

Bacteriological method: STN EN ISO 6579/A1:2008 Serotyping : White-KaufmannLeMinor scheme

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

Bacteriological method: STN EN ISO 6579/A1:2008 Serotyping : White-KaufmannLeMinor scheme

Meat production flocks: At slaughter (flock based approach)

Vaccination is allowed in flocks of turkeys in the Slovak Republic using dead 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. Vaccination is voluntary and there are no breeders of turkeys, who plan to vaccinate turkeys against Salmonella Enteritidis.

Vaccination policy

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.

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

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

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

National control programme for Salmonella infections in turkeys in Slovak Republic in 2015 Control of movement of poultry and hatching eggs Vaccination

Suggestions to the European Union for the actions to be taken

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

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

Meat Production flocks

Owner or holder of broilers is obliged to notify the suspicion and outbreak of Salmonella infection without any delay. 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 flock, the laboratory 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.

Notification system in place

See relevant table

3.2 CAMPYLOBACTERIOSIS

3.2.1 Campylobacter in foodstuffs

3.2.1.1 Campylobacter in food - All foodstuffs - food sample

Monitoring system

Sampling strategy

No official monitoring for Campylobacter is carried out in Slovakia. Samples of foodstuffs are taken and tested in case of suspicion or consumer complaints.

3.2.2 Campylobacter in animals

3.2.2.1 Campylobacter in animal - All animals - animal sample

Monitoring system

Sampling strategy

No official monitoring for Campylobacter is carried out in Slovakia. Samples from animals are taken in case of suspicion or clinical symptoms.

3.3 LISTERIOSIS

3.3.1 Listeria in foodstuffs

3.3.1.1 L. monocytogenes in food - All foodstuffs - food sample

Monitoring system

Sampling strategy

All data were collected from the State Veterinary and Food Institute and 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 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.

Frequency of the sampling

according sampling plan, in case of suspicion or consumers complaint

Diagnostic/analytical methods used

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

Control program/mechanisms

The control program/strategies in place

State Veterinary and Food Adminstration of the Slovak Republic with District Veterinary and Food Administrations and Public Health Authority with Regional Public Health Authorites are competent authorities in official food controls. Within official controls regularly are tested compliance with microbiological criteria according Commission Regulation 2073/2005 on microbioological criteria in foodstuffs. Official controls cover controls of FBO and foodstufs on market. Sampling is carried out according national plan for official controls.

Measures in case of the positive findings or single cases

According Regulation (EC) No 2073/2005.

Results of the investigation

see tables

3.3.2 Listeria in animals

3.3.2.1 Listeria in animal - All animals - animal sample

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 2016 all cases of abortion in cattle, sheep and goats are officially tested for presence of Listeria.

Frequency of the sampling

Official sampling is performed in case of abort in cattle, sheep and goats.

Type of specimen taken

brain-tissue samples, abortion material, blood

3.4 YERSINIOSIS

3.4.1 Yersinia in foodstuffs

3.4.1.1 Yersinia in food - All foodstuffs - food sample

Monitoring system

Sampling strategy

The monitoring system for Yersinia in the Slovak Republic has not been adopted. Samples are taken in case of suspicion or consumer complaints.

3.4.2 Yersinia in animals

3.4.2.1 Yersinia in animal - All animals - animal sample

Monitoring system

Sampling strategy

The monitoring system for Yersinia in the Slovak Republic has not been adopted. Samples in animals are teken in case of suspicion by owner or private vet.

3.5 TRICHINELLOSIS

3.5.1 General evaluation of the national situation

3.5.1.1 Trichinella - general evaluation

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 2016, except obligatory meat inspection and examination according Commission Regulation 2015/1375 also monitoring of trichinellosis in foxes was performed. Main reservoir are red foxes and wild boars.

Recent actions taken to control the zoonoses

- control of meat of slaughtered pigs at slaugherhouses as a part of post-mortem inpections. - reporting duty of home slaughters - wild boar, bears and badgers are sampled at slaughterhouses or in game handling establishments - monitoring of trichinellosis in foxes

3.5.2 Trichinella in animals

3.5.2.1 Trichinella in animal - Solipeds, domestic - horses - animal sample - organ/tissue

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 2015/1375.

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.

3.5.2.2 Trichinella in animal - Pigs - animal sample - organ/tissue

Number of officially recognised Trichinella-free holdings

None of the farms in Slovakia are officially recognised as Trichinella-free holdings.

Officially recognised regions with negligible Trichinella risk

None of regions in Slovakia are officially recognised as Trichinella-free holdings.

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 2015/1375.

Frequency of the sampling

General

Every pig slaughtered at slaughterhouse in Slovak Republic is sampled in accredited laboratory according to Commission Regulation 2015/1375.Every slaughtered wild boar intended to human consumption is sampled in compliance with Commission Regulation 2015/1375. Samples are taken immediately after slaughter.

Type of specimen taken

General

Specimen taken is in compliance with Commission Regulation 2015/1375. 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. Positive 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.

Diagnostic/analytical methods used

General

The method of magnetic mixing in digestion of pooled samples in compliance with Commission Regulation 2015/1375 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 2015/1375.

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.

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.

The contingency plan in place

Each DVFA worked out the contingency plan pursuant to Regulation (EC) No.2015/1375 with an overview of measures which shall be taken if the test for Trichinella reveals a positive result.

Notification system in place

See table Trichinellosis in animals

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

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 description of the positive cases and the verification of the Trichinella species

Breeding sows and boars

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

3.6 ECHINOCOCCOSIS

3.6.1 General evaluation of the national situation

3.6.1.1 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.

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. All animals considered as intermediate hosts, slaughtered in slaughterhouses are examined for the presence of Echinococcus larvocysts by adspection method. In case of the positive findings of Echinococcus larvocyst the meat of positive animals is excluded from the food chain. 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.

3.7 RABIES

3.7.1 General evaluation of the national situation

3.7.1.1 Lyssavirus (rabies) - general evaluation

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. In 2015 other 5 cases of rabies were confirmed. All positive findings were diagnosed in foxes in the districts bordering with Poland. The first of the isolates were determined by sequencing analysis and typed as genotype 1. Based on phylogenetic analysis of rabies viruses isolated in Slovakia from 2000 to 2013, and rabies virus sequences available in the genetic database, it was found that the isolated virus is genetically similar to viruses circulating in Slovakia 2013 and with currently circulating viruses in Poland, Ukraine and Hungary.

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 diagnostics of each suspected domestic animal, control of fulfilment of National programme by veterinary database, laboratory diagnostics within targeted hunting for effectiveness check of vaccines, laboratory examination of hunted or dead animals with abnormal behaviour, preventive vaccination of cattle, sheep and goats in rabies outbreaks in wildlife animals

3.7.2 Lyssavirus (rabies) in animals

3.7.2.1 Lyssavirus (rabies) in animal - All animals - animal sample

Monitoring system

Sampling strategy

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

Frequency of the sampling

During the year in indicated cases, twice a year in foxes

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 4 °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 rabies.; a 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, oral vaccination of foxes

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

National programme of rabies eradication in the Slovak Republic is applied. 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. Mandatory vaccination in domestic carnivores as well as oral antirabic vaccination in wildlife red fox, identification and registration of pets, movement control, laboratory diagnostic 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, control of effectiveness of oral vaccination in foxes.

Recent actions taken to control the zoonoses

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

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 Act No. 39/2007 Coll on veterinary care. The respective DVFA at suspicion of rabies occurrence in domestic animals orders the measures for control of animal diseases and determines the date for their fulfilment, by which a) it orders 1. catching of stray animals 2.disinfection of the place of killing or death of 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, 7. suspicion in wildlife: hunting of all suspect animals b) it prohibits 1.movement and collection of susceptible animal species, 2.free movement of susceptible animals in an outbreak The respective District Veterinary and Food Administration at confirmation of rabies occurrence in domestic animals extends the previous measures for disease control a)it defines an rabies outbreak, b)it orders in an outbreak 1.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 4. to perform protective vaccination of susceptible domestic animals;

Notification system in place

Based on the Act No. 39/2007 Coll. each natural or legal person authorized to dispose with 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.

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 in 2013 and 5 new cases in foxes in the begining of 2015.

3.8 STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) INFECTION

3.8.1 Staphylococcus in animals

3.8.1.1 S. aureus, meticillin resistant (MRSA) in animal - All animals - animal sample

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.

3.9 Q-FEVER

3.9.1 Coxiella (Q-fever) in animals

3.9.1.1 Coxiella (Q-fever) in animal - All animals - animal sample - blood

Monitoring system

Sampling strategy

Official samples are taken according Plan of veterinary prevention and protection of state territory in 2016 in cows and in goats in case of abortion, in case of suspicion for disease or on base of clinical signs. In other animals are samples taken in case of suspicion by private vets or owners.

Diagnostic/analytical methods used

Blood samples were investigated serologically with Complement fixation test.

3.10 TOXOPLASMA

3.10.1 Toxoplasma in animals

3.10.1.1 Toxoplasma in animal - All animals - animal sample

Monitoring system

Sampling strategy

No monitoring program for toxoplasmosis is performed.

4 ANTIMICROBIAL RESISTANCE INFORMATION ON SPECIFIC ZOONOSES AND ZOONOTIC AGENTS

4.1 SALMONELLOSIS

4.1.1 Salmonella in animals

4.1.1.1 Antimicrobial resistance in Salmonella Gallus gallus (fowl)

Description of sampling designs

In 2016 monitoring of antimicrobial resistance of Salmonella was carried out in poultry from January 2016 to December 2016. Samples were collected at farms within Salmonella national control programs from broilers, laying hens and fattening turkeys by FBO and at the slaughterhouses from broiler and turkey carcases under the verification of the process hygiene criteria 2.1.5. sampled by official veterinarians and FBO own checks. District Veterinary and Food Administrations are competent authorities responsible for official sampling. Sampling was carried out in all active slaughterhouses, covering the whole territory of the Slovak Republic. All official samples were tested in 4 official laboratories of State Veterinary and Food Institute and isolates of Salmonella spp. were sent from laboratories to the NRL for Salmonella for serotyping.

Stratification procedures per animal populations and food categories

Sampling within Salmonella national control programs was carried out at farms covered with Salmonella programs. Sampling from carcases was carried out at all 6 active poultry slaughterhouses in Slovak Republic.

Randomisation procedures per animal populations and food categories

Samples were taken randomly in respective day. At the slaughterhouses, neck skins from 15 randomly selected carcases from one epidemiological unit were collected in one sampling session.

Sampling strategy used in monitoring

Frequency of the sampling

Sampling at farms was carried out according Salmonella control programs. Sampling at slaughterhouses was carried out according monthly sampling plan of district veterinary and food administration.

Type of specimen taken

neck skins, according SCP

Methods of sampling (description of sampling techniques)

Sampling method used at farm was in line with SCP. Sampling at the slaughterhouses was carried out according Regulation 2073/2005 for microbiological criterion 2.1.5.

Procedures for the selection of isolates for antimicrobial testing

No selection of isolates from control programs was performed and all isolates were tested for antimicrobial susceptibility. At the slaughterhouses, 103 isolates were collected from neck skins samples. 85 isolates were tested for antimicrobial susceptibility. The selection of isolates took into account uniqueness of epidemiological unit and date of sampling, to cover the whole year and each month.

Methods used for collecting data

No collection of data was carried out. All typing and AST analyses was performed by one laboratory and NRL for Salmonella is only one source of all data. Data were sent to NRL for AMR and submitted to EFSA.

Laboratory methodology used for identification of the microbial isolates

Isolation of Salmonella was done based on ISO 6579 including Annex D. The Salmonella isolates were serotyped following the White-Kauffmann-Le Minor scheme.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Antimicrobial susceptibility was tested by a dilution method in cation adjusted Muller-Hinton broth. The tests were performed following the standards for microdilution of the ISO, NCCLS/CLSI, WHO - GSS protocol and the manufacturer guidelines. Microplate Sensititre EUVSEC, EUVSEC2 from Trek was used for susceptibility testing. Antimicrobials recommended by the European Commission Implementing Decision 2013/652/EU of 12 November 2013 on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria. It was total 14 antimicrobials: Ampicillin, Azithromycin, Cefotaxime, Ceftazidim, Chloramphenicol, Ciprofloxacin, Colistin, Gentamicin, Nalidixic acid, Meropenem, Sulfamethoxazole, Tetracycline, Tigecycline, Trimethoprim.

Cut-off values used in testing

As breakpoints in antimicrobial resistance monitoring were used epidemiological cutt-off values (ECOFF) recommended in the Annex to that EC Decision. Cut off values for Azithromycin and Sulfamethoxazole were used according EFSA recommendations.

4.2 CAMPYLOBACTERIOSIS

4.2.1 Campylobacter in animals

4.2.1.1 Antimicrobial resistance in Campylobacter Gallus gallus (fowl)

Description of sampling designs

In 2016 monitoring of antimicrobial resistance of Campylobacter jejuni was carried out in ceacal samples from broilers of domestic origin. Monitoring in 2016 lasted from March till December 2016. Samples were taken by official veterinarians within official controls. District Veterinary and Food Administrations are competent authorities responsible for sampling. District authorities involved in monitoring, divided sampling so that each month in the whole period of time from the beginning of monitoring till the end of the year was included. Only one laboratory, Veterinary and Food Institute Dolný Kubín (NRL for AMR), carry out analysis of Campylobacter and antimicrobial susceptibility testing of Campylobacter and sampling was planned according to the laboratory collection lines so that the time limits for delivery of the samples to the laboratory was observed.

Stratification procedures per animal populations and food categories

Samples were taken at all 5 active slaughterhouses for broilers. Samples were stratified proportionally according their annual throughputs.

Randomisation procedures per animal populations and food categories

Sampling was planned according the collection lines of SVFI so that the time limits for delivery of the samples to the laboratory was observed, for this reason, samples were taken mostly in certain days. In sampling day, random selection of the batches to be sampled was carried and random selection of carcasses to be sampled within slaughter batch.

Sampling strategy used in monitoring

Frequency of the sampling

Samples were taken according monthly sampling plan of District Veterinary and Food Administrations.

Type of specimen taken

One sample consist of 10 ceaca from one slaughter batch.

Methods of sampling (description of sampling techniques)

10 filled ceaca were collected from 10 randomly selected carcases and put in sampling jar, closed and placed in cold.

Procedures for the selection of isolates for antimicrobial testing

Considering of high level of caecum contamination with Campylobacter microflora we had to have select of isolates for antimicrobial testing. Strategy selection of isolates was based on the total number of samples to be taken from each slaughterhouse included in monitoring and the maximum number of isolates set of European Commission for Slovakia. Subsequently the selection was done randomly in every slaughterhouses group but reflect the day of slaughter and origin of flocks. 85 isolates Campylobacter jejuni out of 128 positive isolates were selected for antimicrobial testing.

Methods used for collecting data

No collection of data was carried out. All analyses was performed by one laboratory and NRL for antimicrobial resistance is only one source of all data.

Laboratory methodology used for identification of the microbial isolates

All caecum samples submitted were analyzed for presence or absence of suspected microbial isolates. Isolation and identification of Campylobacter was done based on modified ISO 10272 – Horizontal method for detection and enumeration of Campylobacter spp. – Part 1: Detection method. Modifications were done according to EURL-Campylobacter instructions. Identification were performed by PCR methods.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

Antimicrobials for AST testing were used according EC Decision.

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.

4.3 ESCHERICHIA COLI, NON-PATHOGENIC

4.3.1 Escherichia coli, non-pathogenic in foodstuffs

4.3.1.1 Antimicrobial resistance in Escherichia coli, non-pathogenic Meat from broilers (Gallus gallus)

Description of sampling designs

Sampling at retail in 2016 concerns sampling of the fresh broiler meat. Samples were taken by official veterinarians within official control. District Veterinary and Food Administrations are competent authorities responsible for sampling. District authorities involved in monitoring, divided sampling so that each month in the whole period of time from the beginning of monitoring till the end of the year was included. Only one laboratory, Veterinary and Food Institute Dolný Kubín (NRL for AMR), carry out analysis of ESBL/AmpC producing E.coli and antimicrobial susceptibility testing of E.coli.

Stratification procedures per animal populations and food categories

In 2016 at retail in the SR 150 samples of fresh broiler meat had to be gathered. District Veterinary and Food Administrations in the region from which it was possible to arrange the transport of samples in the shortest possible time were chosen for sampling. Samples were taken mostly at the large and medium supermarkets with the biggest market share in Slovakia with the same suppliers.

Randomisation procedures per animal populations and food categories

Sampling was carried out by random selection of shops by competent authority and samples were taken randomly without preliminary selection according to the origin.

Sampling strategy used in monitoring

Frequency of the sampling

Samples were taken monthly, according sampling plan of District Veterinary and Food Administrations.

Type of specimen taken

Packed fresh broiler meat chilled (not frozen), not chopped, without additives, it could be packed in protective atmosphere. Sample is represented by 2 intact consumer packages.

Methods of sampling (description of sampling techniques)

Sampling in shops was carried out randomly. One cample consisted of 2 intact consumer packages from one batch, packed by producer. Sampling was carried out without pre-selection of origin of the samples.

Procedures for the selection of isolates for antimicrobial testing

Strategy selection of isolates was based on the total number of samples to be taken from each Regional Veterinary and Food Administration (RVFA) included in monitoring and the maximum number of isolates set of European Commission for Slovakia. Subsequently the selection was done randomly in every RVFA but reflect the day of sampling. 105 isolates of ESBL-, AmpC- producing E. coli out of 111 positive isolates were selected for antimicrobial testing.

Methods used for collecting data

No collection of data was carried out. All analyses was performed by one laboratory and NRL for antimicrobial resistance is only one source of all data.

Laboratory methodology used for identification of the microbial isolates

All meat samples submitted were analyzed for presence or absence of suspected microbial isolates. Isolation and identification of ESBL-, AmpC- was done according to EURL-AR protocol: Isolation of ESBL-, AmpC- and carbapenemase – producing E. coli from meat samples.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

NRL used Microplate Sensititre EUVSEC and EUVSEC2. In determining atb profile NRL operating in compliance with ISO 7218, CLSI protocol and manufacturers quidelines. Microplate Sensititre panel EUVSEC, EUVSEC 2 from Trek were used for susceptibility testing. 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. As breakpoints in antimicrobial resistance monitoring were used epidemiological cut-off values (ECOFF) recommended in the Annex to that EC Decision. As positive quality control was used E.coli strain with upregulated chromosomal ampC promoter. As negative control was used E. coli strain carrying OXA-30 β-lactamase. These mentioned strains were included for monitoring of ESBL-, AmpC-producing E. coli and were delivered from DTU, Lyngby, Denmark. The NRL regularly participates in proficiency tests organised by EURL-AR DTU Copenhagen, Denmark. All the susceptibility tests for monitoring antimicrobial resistance in E. coli and ESBL-, AmpC- producing E. coli were performed in NRL for antimicrobial resistance and results are stored in appropriate database. Positive isolates are stored in NRL in cryotubes at -80◦C at least 5 years.

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.

4.3.2 Escherichia coli, non-pathogenic in animals

4.3.2.1 Antimicrobial resistance in Escherichia coli, non-pathogenic Gallus gallus (fowl)

Description of sampling designs

In 2016 monitoring of antimicrobial resistance of E.coli was carried out in ceacal samples from broilers of domestic origin. Monitoring in 2016 lasted from March till December 2016. Samples were taken by official veterinarians within official controls. District Veterinary and Food Administrations are competent authorities responsible for sampling. District authorities involved in monitoring, divided sampling so that each month in the whole period of time from the beginning of monitoring till the end of the year was included. Only one laboratory, Veterinary and Food Institute Dolný Kubín (NRL for AMR), carry out analysis of E.coli and ESBL/AmpC producing E.coli and antimicrobial susceptibility testing of E.coli and sampling was planned according to the laboratory collection lines so that the time limits for delivery of the samples to the laboratory was observed.

Stratification procedures per animal populations and food categories

Samples were taken at all 5 active slaughterhouses for broilers. Samples were stratified proportionally according their annual throughputs.

Randomisation procedures per animal populations and food categories

Sampling was planned according to the collection lines of SVFI so that the time limits for delivery of the samples to the laboratory was observed, for this reason, samples were taken mostly in certain days. In sampling day, random selection of the batches to be sampled was carried and random selection of carcasses to be sampled within slaughter batch.

Sampling strategy used in monitoring

Frequency of the sampling

Samples were taken according monthly sampling plan of District Veterinary and Food Administrations.

Type of specimen taken

One sample consist of 10 ceaca from one slaughter batch.

Methods of sampling (description of sampling techniques)

10 filled ceaca were collected from 10 randomly selected carcases and put in sampling jar, closed and placed in cold.

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. Strategy selection of isolates was based on the total number of samples to be taken from each slaughterhouse include in monitoring and the maximum number of isolates set of European Commission for Slovakia. Subsequently the selection was done randomly in every slaughterhouses group but reflect the day of slaughter and origin of flocks. 85 isolates Escherichia coli out of 390 positive isolates were selected for antimicrobial testing. The same strategy has been used for antimicrobial testing of ESBL-, AmpC- producing E. coli. 105 isolates out of 354 positive samples were selected for antimicrobial testing.

Methods used for collecting data

No collection of data was carried out. All analyses was performed by one laboratory and NRL for antimicrobial resistance is only one source of all data.

Laboratory methodology used for identification of the microbial isolates

All caecum samples submitted were analyzed for presence or absence of suspected microbial isolates. Isolation and identification of E. coli was done based on own accredited procedures including biochemical tests - gramnegative rods, lactose positive, absence of cytochromoxidase, present of β-glucoronidase, in rare cases by PCR. Isolation and identification of ESBL-, AmpC- was done according to EURL-AR protocol: Isolation of ESBL-, AmpC- and carbapenemase – producing E. coli from caecal samples.

Laboratory used for detection for resistance

Antimicrobials included in monitoring

In determining atb profile NRL operating in compliance with ISO 7218, CLSI protocol and manufacturers quidelines. Microplate Sensititre panel EUVSEC, EUVSEC 2 from Trek were used for susceptibility testing. 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. As breakpoints in antimicrobial resistance monitoring were used epidemiological cut-off values (ECOFF) recommended in the Annex to that EC Decision. As quality control, strain Escherichia coli ATCC 25922 was included for monitoring commensal E. coli. As positive quality control was used E.coli strain with upregulated chromosomal ampC promoter. As negative control was used E. coli strain carrying the OXA-30 β-lactamase. These mentioned strains were included for monitoring of ESBL-, AmpC-producing E. coli and were delivered from DTU, Lyngby, Denmark. The NRL regularly participates in proficiency tests organised by EURL-AR DTU Copenhagen, Denmark. All the susceptibility tests for monitoring antimicrobial resistance in E. coli and ESBL-, AmpC- producing E. coli were performed in NRL for antimicrobial resistance and results are stored in appropriate database. Positive isolates are stored in NRL in cryotubes at -80◦C at least 5 years.

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.

5 INFORMATION ON SPECIFIC MICROBIOLOGICAL AGENTS

5.1 CRONOBACTER

5.1.1 Cronobacter in foodstuffs

5.1.1.1 Cronobacter in food - All foodstuffs - food sample

Monitoring system

Sampling strategy

Public Health Authority of the Slovak Republic 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,in case of suspicion or consumers complaint

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 Histamine in foodstuffs

5.2.1.1 Histamine in food - Fish (food) - food sample

Monitoring system

Sampling strategy

All samples of foodstuffs were taken according the national sampling plan in accordance with The Commission Regulation 2073/2005, in case of suspicion or consumers complaint.

Diagnostic/analytical methods used

HPLC

Control program/mechanisms

The control program/strategies in place

State Veterinary and Food Adminstration of the Slovak Republic with District Veterinary and Food Administrations and Public Health Authority with Regional Public Health Authorites are competent authorities in official food controls. Within official controls regularly are tested compliance with microbiological criteria according Commission Regulation 2073/2005 on microbioological criteria in foodstuffs. Official controls cover controls of FBO and foodstufs on market. Sampling is carried out according national plan for official controls.

Measures in case of the positive findings or single cases

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

Results of the investigation

See table Histamin in foodstuffs.

5.3 STAPHYLOCOCCAL ENTEROTOXINS

5.3.1 Staphylococcal enterotoxins in foodstuffs

5.3.1.1 Staphylococcal enterotoxins in food - All foodstuffs - food sample

Monitoring system

Sampling strategy

Samples are taken by inspectors of veterinary and food administrations according to the national sampling plan and in case of suspicion.

Frequency of the sampling

according to sampling plan

Type of specimen taken

according Commission Regulation 2073/2005

Definition of positive finding

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

Measures in case of the positive findings or single cases

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

Results of the investigation

See table Staphylococcal enterotoxins in foodstuffs

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 2016 there were recorded 452 foodborne outbreaks with 2340 cases (in 2015 there were 579 foodborne outbreaks with 3933 cases). From 452 outbreaks, there were 10 verified outbreaks with strong evidence 2,2% (total cases 118), what is comparable with last year (from 579 outbreaks, there were 13 verified outbreaks with strong evidence 2,2% (total cases 209)).From all FBO cases: unknown causative agent represented 52,6%, Salmonella enteritidis not specified 21,2%, Salmonella enteritidis not typable 6,8%, Campylobacter jejuni 3,4%, Salmonella enteritidis PT 8 2,7%. of all FBO cases. From all FBO outbreaks: Salmonella enteritidis not specified represented 39,8%, Campylobacter jejuni 19,5%, Salmonella not typable 13,7%, unknown causative agent 12,8%, Campylobacter unspecified sp. 3,5% of all FBO outbreaks. Salmonellosis: Outbreak trend increased comparing last year (232 in 2015 vs. 265 in 2016). The number of reported outbreaks with strong evidence decreased (9 in 2015 vs. 6 in 2016). There were reported 38 greater outbreaks (5-103 cases). There is also increasing trend in total salmonellosis cases (5103 in 2015 vs. 5724 in 2016).Campylobacteriosis: Outbreak trend mildly increased comparing last year (103 in 2015 vs. 115 in 2016). There was 1 outbreak with strong evidence present. There were reported 2 greater outbreaks (6-9 cases) vs. 8 greater outbreaks last year. There is also increasing trend in total campylobacteriosis cases (7040 in 2015 vs. 7738 in 2016). Unknown causative agent: Outbreak trend increased comparing last year (36 in 2015 vs. 58 in 2016). Trend of total cases increased (2610 in 2015 vs. 3543 in 2016).TBE virus: We observe increased trend in alimentary outbreaks of TBE virus in Slovakia. This year we reported 5 outbreaks from which 2 with strong evidence, last year 4 outbreaks from which 2 with strong evidence. There is increased trend in TBE cases, even if there was decrease in cases in 2015 comparing last year (88 in 2015 vs. 174 in 2016). Norovirus: We recorded 1 FBO with strong evidence, where suspected transmission factor was mixed food. Hepatitis A virus: In 2016 we did not record outbreak of hepatitis A where food was suspected as factor of transmission. There were reported outbreaks of viral hepatitis that were spread by close human contact.

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. The most risky are ready foodstuff from raw eggs, poultry meat and pig meat. The most risky for campylobacteriosis are foods from the chicken, turkey and non-pasteurised sheep and goat milk and products from it, mainly fresh cheese. Slovakian people like to eat traditional cheese from raw sheep milk, but also raw goat milk. People drink raw sheep or goat milk because of promoted health benefits. Probably for both reasons we register increase in alimentary outbreaks of TBE virus.

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

Salmonella enteritidis infect people mainly households (family celebrations – cream cakes in summer), but also in commercial restaurants. Canteens and school canteens have decreasing trend. Campylobacteriosis - mainly households. Unknown agents - hospital/medical care facilities, nursery houses, canteens and school canteens.

Evaluation of the severity and clinical picture of the human cases

In all 452 outbreaks there were reported 2340 cases, from which 458 cases were hospitalised (19,6%). Proportion of hospitalized patients is comparable with last year 2015 (hospitalised 456 cases).

Descriptions of single outbreaks of special interest

TBE virus outbreak: In 2016 we recorded the biggest alimentary TBE outbreak in the last 20 years (44 cases). Cases were reported during 27.5-13.6.2016. All cases mentioned consumption of sheep cheese bought from the shop of agricultural co-operative. The cheese was made in the challet, which belongs to the agricultural co-operative. In 43 persons TBE was serologically confirmed, in 12 cases TBE was confirmed by antibodies in liquor. In 1 case the serological examination was not provided due to stay abroad. Laboratory examinations of 2 sheep milk samples and 52 sheep blood samples did not confirm the presence of TBEV. Sheep cheese as transmission factor was confirmed by analytical method, case control study (p lwer then 0,05).

Control measures or other actions taken to improve the situation

Control measures are regularly taken to eliminate 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

		Population		
Animal species	**Category of animals**	**holding**	**animal**	**slaughter animal (heads)**
Cattle (bovine animals)	Cattle (bovine animals)	14,035	477,302	39,077
Ducks	Ducks	3	7,540	
Gallus gallus (fowl)	Gallus gallus (fowl)	158	26,332,116	37,956,504
Geese	Geese	3	2,092	
Goats	Goats	4,134	17,493	120
Pigs	Pigs	5,105	468,369	555,226
Sheep	Sheep	8,173	381,911	75,416
Solipeds, domestic	Solipeds, domestic - horses	4,468	10,918	
Turkeys	Turkeys	16	85,382	67,609

DISEASE STATUS TABLES

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

Region	Number of animals serologically tested under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of notified abortions whatever cause	Number of animals tested by microbiology under investigations of suspect cases
SLOVENSKO (NUTS level 1)	1,165	9,023	0	470,154	1,334	47,430	9,023	1,204	283

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

Region	Number of animals serologically tested under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of animals tested by microbiology under investigations of suspect cases
SLOVENSKO (NUTS level 1)	388	4,854	0	381,013	3,810	21,785	4,854	139

DISEASE STATUS TABLES

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

Region	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of animals tested with tuberculin routine testing	Total number of herds
SLOVENSKO (NUTS level 1)	9,023	0	470,154	52,095	9,023

PREVALENCE TABLES

Table BRUCELLA in animal

Area of Sampling	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
Not Available	Cattle (bovine animals) - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	37799	0	Brucella	0
	Cattle (bovine animals) - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	2229	0	Brucella	0
	Cattle (bovine animals) - Farm - Slovakia - animal sample - foetus/stillbirth - Surveillance - Official sampling - Suspect sampling	animal	297	0	Brucella	0
	Deer - farmed - fallow deer - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	65	0	Brucella	0
	Deer - farmed - red deer - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	245	0	Brucella	0
	Dogs - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	12	0	Brucella	0
	Goats - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	1211	0	Brucella	0
	Goats - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	125	0	Brucella	0
	Goats - Farm - Slovakia - animal sample - foetus/stillbirth - Surveillance - Official sampling - Suspect sampling	animal	23	0	Brucella	0
	Hares - Hunting - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	71	0	Brucella	0
	Mouflons - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	132	0	Brucella	0
	Pigs - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	773	0	Brucella	0
	Pigs - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	119	0	Brucella	0
	Pigs - Farm - Slovakia - animal sample - foetus/stillbirth - Surveillance - Official sampling - Suspect sampling	animal	21	0	Brucella	0
	Sheep - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	17498	0	Brucella	0
	Sheep - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	828	0	Brucella	0
	Sheep - Farm - Slovakia - animal sample - foetus/stillbirth - Surveillance - Official sampling - Suspect sampling	animal	166	0	Brucella	0
	Solipeds, domestic - horses - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	17	0	Brucella	0
	Solipeds, domestic - horses - Farm - Slovakia - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	3	0	Brucella	0
	Solipeds, domestic - horses - Farm - Slovakia - animal sample - foetus/stillbirth - Surveillance - Official sampling - Suspect sampling	animal	3	0	Brucella	0
	Zoo animals, all - Zoo - Not Available - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	14	0	Brucella	0

Table CAMPYLOBACTER in animal

Area of Sampling	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
Not Available	Cats - pet animals - Veterinary clinics - Not Available - Not Available - Clinical investigations - Not applicable - Suspect sampling	animal	45	2	Campylobacter jejuni	1
					Campylobacter, unspecified sp.	1
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	11	0	Campylobacter	0
	Cattle (bovine animals) - breeding bulls - Farm - Not Available - animal sample - Monitoring - Official sampling - Objective sampling	animal	352	0	Campylobacter	0
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	13	0	Campylobacter	0
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	25	3	Campylobacter, unspecified sp.	3
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	19	5	Campylobacter jejuni	3
					Campylobacter, unspecified sp.	2
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	153	9	Campylobacter coli	1
					Campylobacter, unspecified sp.	8
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	94	4	Campylobacter coli	1
					Campylobacter jejuni	2
					Campylobacter, unspecified sp.	1
	Gallus gallus (fowl) - broilers - Slaughterhouse - Not Available - animal sample - caecum - Monitoring - Official sampling - Objective sampling	animal	429	193	Campylobacter coli	61
					Campylobacter jejuni	132
					Campylobacter, unspecified sp.	4
	Pigs - fattening pigs - unspecified - piglets - Farm - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	10	2	Campylobacter, unspecified sp.	2
	Pigs - fattening pigs - unspecified - weaners to growers - Farm - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	11	3	Campylobacter, unspecified sp.	3
	Sheep - animals over 1 year - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	14	1	Campylobacter, unspecified sp.	1
	Sheep - animals under 1 year (lambs) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	14	2	Campylobacter, unspecified sp.	2

Table CAMPYLOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - unspecified - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Campylobacter	0
		single (food/feed)	25	Gram	12	1	Campylobacter jejuni	1
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	5	0	Campylobacter	0
		single (food/feed)	25	Gram	7	0	Campylobacter	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Campylobacter	0
	Confectionery products and pastes - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	Campylobacter	0
	Dairy products (excluding cheeses) - butter - Retail - Non European Union - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	Campylobacter	0
	Eggs - table eggs - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Meat from pig - fresh - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	39	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	15	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Campylobacter	0

Area of Sampling	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
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Meat from pig - meat products - cooked, ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Campylobacter	0
	Meat from pig - meat products - cooked, ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	11	0	Campylobacter	0
	Meat from pig - minced meat - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - frozen - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - frozen - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	59	0	Campylobacter	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	5	0	Campylobacter	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Campylobacter	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Campylobacter	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Milk, sheep's - raw milk - Farm - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Millilitre	1	1	Campylobacter coli	1
							Campylobacter jejuni	1
	Other processed food products and prepared dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	232	0	Campylobacter	0
			25	Gram	5	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	32	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Campylobacter	0

Area of Sampling	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
Not Available	Other processed food products and prepared dishes - sandwiches - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Campylobacter	0
		single (food/feed)	25	Gram	10	0	Campylobacter	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	60	0	Campylobacter	0
	Other processed food products and prepared dishes - sandwiches - with meat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Campylobacter	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	9	0	Campylobacter	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	9	0	Campylobacter	0
	Other processed food products and prepared dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Campylobacter	0
		single (food/feed)	25	Gram	29	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Campylobacter	0
		single (food/feed)	25	Gram	43	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	5	0	Campylobacter	0
		single (food/feed)	10	Gram	39	0	Campylobacter	0
			25	Gram	128	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Campylobacter	0
		single (food/feed)	25	Gram	43	0	Campylobacter	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	15	0	Campylobacter	0
	Soups - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	2	0	Campylobacter	0
	Soups - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	2	0	Campylobacter	0

Table COXIELLA in animal

Area of Sampling	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
Not Available	Cattle (bovine animals) - breeding bulls - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	1	0		Coxiella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	28	0		Coxiella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	172	0		Coxiella	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	890	26		Coxiella burnetii	26
	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Suspect sampling	animal	1343	14		Coxiella burnetii	14
	Goats - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	13	0		Coxiella	0
	Goats - Farm - Not Available - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	22	0		Coxiella	0
	Goats - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	84	0		Coxiella	0
	Goats - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Suspect sampling	animal	60	0		Coxiella	0
	Hares - Hunting - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	70	0		Coxiella	0
	Sheep - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	2	0		Coxiella	0
	Sheep - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	1	0		Coxiella	0

Table CRONOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Follow-on formulae - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	3	0	Cronobacter	0
		single (food/feed)	10	Gram	15	0	Cronobacter	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 - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	28	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	25	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	8	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	94	0	Cronobacter	0
		single (food/feed)	10	Gram	104	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	9	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	13	0	Cronobacter	0
		single (food/feed)	10	Gram	41	1	Cronobacter sakazakii	1
	Infant formula - dried - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	Cronobacter	0
		single (food/feed)	10	Gram	7	0	Cronobacter	0
	Infant formula - dried - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	12	0	Cronobacter	0
	Infant formula - dried - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	10	0	Cronobacter	0
	Infant formula - liquid - intended for infants below 6 months - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	3	0	Cronobacter	0

Table ECHINOCOCCUS in animal

Area of Sampling	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
Not Available	Cats - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Not specified	animal	583	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	animal	36587	0	Echinococcus	0
	Dogs - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Not specified	animal	1677	0	Echinococcus	0
	Dogs - Unspecified - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	8	0	Echinococcus	0
	Foxes - Hunting - Not Available - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	198	41	Echinococcus multilocularis	41
	Goats - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	120	0	Echinococcus	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	animal	555226	0	Echinococcus	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	3	1	Echinococcus granulosus	1
	Sheep - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	9992	0	Echinococcus	0
	Zoo animals, all - Zoo - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal	21	0	Echinococcus	0

Table ESCHERICHIA COLI in animal

Area of Sampling	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
Not Available	Capricorns - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	6	0	Verocytotoxigenic E. coli (VTEC)	0
	Capricorns - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	1	VTEC O157	1
	Cats - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	21	2	VTEC O157	2
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	4	1	VTEC O26	1
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	4	1	VTEC O157	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - nasal swab - Clinical investigations - Not applicable - Suspect sampling	animal	10	1	VTEC O157	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	3	2	VTEC O103	1
					VTEC O157	1
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	94	6	VTEC O157	5
					VTEC O26	1
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	4	2	VTEC O111	1
					VTEC O157	1
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	10	6	VTEC O103	1
					VTEC O111	1
					VTEC O145	2
					VTEC O157	1
					VTEC O26	1
	Goats - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	2	1	VTEC O103	1
	Pigs - fattening pigs - unspecified - weaners to growers - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Sheep - animals over 1 year - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	1	1	VTEC O157	1
	Sheep - animals under 1 year (lambs) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	10	1	VTEC O157	1
	Tiger - Zoo - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	1	1	VTEC O103	1

Table ESCHERICHIA COLI in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	5	2	VTEC non-O157	2
							VTEC O157	2
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	1	VTEC non-O157	2
	Meat from pig - meat products - cooked ham - sliced - Retail - European Union - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - meat products - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Seeds, sprouted - ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0

Table FLAVIVIRUS in animal

Area of Sampling	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
Not Available	Solipeds, domestic - donkeys - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	No	1	1	West Nile virus	1
	Solipeds, domestic - donkeys - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	No	1	0	Flavivirus	0
	Solipeds, domestic - horses - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	No	1	1	West Nile virus	1
	Solipeds, domestic - horses - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	No	1	0	Flavivirus	0
	Solipeds, domestic - horses - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	No	361	0	Flavivirus	0

Table HISTAMINE in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Processing plant - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	7	0	<= 100	Histamine	0	7
							>100 TO <= 200	Histamine	0	0
							>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Processing plant - Non European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	4	0	<= 100	Histamine	0	4
							>100 TO <= 200	Histamine	0	0
							>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	6	0	<= 100	Histamine	0	6
							>100 TO <= 200	Histamine	0	0
							>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	3	0	<= 100	Histamine	0	3
							>100 TO <= 200	Histamine	0	0
							>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Histamine	0	1
							>100 TO <= 200	Histamine	0	0
							>200	Histamine	0	0

Table LISTERIA in animal

Area of Sampling	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
Not Available	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	4	0	Listeria	0
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Monitoring - Official sampling - Suspect sampling	animal	327	20	Listeria innocua	2
					Listeria monocytogenes	12
					Listeria spp., unspecified	6
	Cattle (bovine animals) - Farm - Not Available - animal sample - milk - Clinical investigations - Not applicable - Suspect sampling	animal	2	2	Listeria monocytogenes	2
	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	19	1	Listeria monocytogenes	1
	Goats - Farm - Not Available - animal sample - blood - Monitoring - Official sampling - Objective sampling	animal	6	0	Listeria	0
	Goats - Farm - Not Available - animal sample - foetus/stillbirth - Monitoring - Official sampling - Suspect sampling	animal	25	2	Listeria monocytogenes	2
	Goats - Farm - Not Available - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	10	0	Listeria	0
	Pigs - Farm - Not Available - animal sample - foetus/stillbirth - Monitoring - Official sampling - Suspect sampling	animal	1	1	Listeria monocytogenes	1
	Pigs - fattening pigs - unspecified - piglets - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	4	1	Listeria monocytogenes	1
	Pigs - fattening pigs - unspecified - weaners to growers - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	7	0	Listeria	0
	Sheep - animals under 1 year (lambs) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	14	1	Listeria monocytogenes	1
	Sheep - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Listeria	0
	Sheep - Farm - Not Available - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	animal	3	2	Listeria monocytogenes	2
	Sheep - Farm - Not Available - animal sample - Monitoring - Official sampling - Suspect sampling	animal	3	0	Listeria	0
	Sheep - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	1	1	Listeria monocytogenes	1
	Sheep - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	42	1	Listeria monocytogenes	1
	Sheep - milk ewes - Farm - Not Available - animal sample - foetus/stillbirth - Monitoring - Official sampling - Suspect sampling	animal	192	11	Listeria monocytogenes	10
					Listeria spp., unspecified	1
	Sheep - milk ewes - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal	19	2	Listeria monocytogenes	2

Table LISTERIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cereals and meals - flakes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - curd - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	7	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - curd - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	detection	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - curd - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	18	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0
	Cheeses made from cows' milk - fresh - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	16	0	detection	Listeria monocytogenes	16	0
	Cheeses made from cows' milk - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	17	0	<= 100	Listeria monocytogenes	17	0
							>100	Listeria monocytogenes	17	0
	Cheeses made from cows' milk - hard - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	10	0	detection	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - hard - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	15	0	<= 100	Listeria monocytogenes	15	0
							>100	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	1	detection	Listeria monocytogenes	7	1
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	48	1	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	48	1	detection	Listeria monocytogenes	45	1
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	22	0	<= 100	Listeria monocytogenes	22	0
							>100	Listeria monocytogenes	22	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	15	0	<= 100	Listeria monocytogenes	15	0
							>100	Listeria monocytogenes	15	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	9	1	detection	Listeria monocytogenes	9	1
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	19	0	detection	Listeria monocytogenes	19	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	8	0	<= 100	Listeria monocytogenes	8	0
							>100	Listeria monocytogenes	8	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	141	3	detection	Listeria monocytogenes	141	3
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	8	0	detection	Listeria monocytogenes	8	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	10	1	detection	Listeria monocytogenes	10	1
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	11	0	<= 100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cocoa and cocoa preparations, coffee and tea - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Confectionery products and pastes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	139	1	<= 100	Listeria monocytogenes	88	0
							>100	Listeria monocytogenes	88	0
	Confectionery products and pastes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	139	1	detection	Listeria monocytogenes	51	1
	Confectionery products and pastes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	8	0	<= 100	Listeria monocytogenes	8	0
							>100	Listeria monocytogenes	8	0
	Confectionery products and pastes - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Confectionery products and pastes - Retail - European Union - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Confectionery products and pastes - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Crustaceans - shrimps - cooked - chilled - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - cooked - Retail - Non European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - butter - Retail - Non European Union - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Millilitre	12	0	<= 100	Listeria monocytogenes	12	0
							>100	Listeria monocytogenes	12	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	18	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - frozen - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - dairy desserts - frozen - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	12	0	<= 100	Listeria monocytogenes	12	0
							>100	Listeria monocytogenes	12	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	4	0	detection	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Millilitre	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - fermented dairy products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Millilitre	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	9	0	detection	Listeria monocytogenes	9	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - milk-based drinks - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	6	0	detection	Listeria monocytogenes	6	0
	Dairy products (excluding cheeses) - milk-based drinks - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Millilitre	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - yoghurt - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	8	0	<= 100	Listeria monocytogenes	8	0
							>100	Listeria monocytogenes	8	0
	Dairy products (excluding cheeses) - yoghurt - Retail - European Union - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	6	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Fish - raw - frozen - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fish - smoked - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Fish - smoked - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	10	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Fish - smoked - Retail - European Union - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	11	0	detection	Listeria monocytogenes	11	0
	Fishery products, unspecified - ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Follow-on formulae - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	detection	Listeria monocytogenes	3	0

Area of Sampling	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
Not Available	Follow-on formulae - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	15	0	detection	Listeria monocytogenes	15	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 - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	28	0	detection	Listeria monocytogenes	28	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	25	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	25	0	detection	Listeria monocytogenes	25	0
	Fruits - pre-cut - ready-to-eat - Retail - Non European Union - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fruits - products - dried - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	detection	Listeria monocytogenes	14	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	9	0	detection	Listeria monocytogenes	9	0
	Infant formula - dried - intended for infants below 6 months - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	103	0	<= 100	Listeria monocytogenes	14	0
							>100	Listeria monocytogenes	14	0
		single (food/feed)	10	Gram	115	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Infant formula - dried - intended for infants below 6 months - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	103	0	detection	Listeria monocytogenes	103	0
		single (food/feed)	25	Gram	115	0	detection	Listeria monocytogenes	115	0
	Infant formula - dried - intended for infants below 6 months - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	9	0	detection	Listeria monocytogenes	9	0
	Infant formula - dried - intended for infants below 6 months - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	detection	Listeria monocytogenes	6	0
		single (food/feed)	25	Gram	20	0	detection	Listeria monocytogenes	20	0
	Infant formula - dried - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
		single (food/feed)	10	Gram	7	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Infant formula - dried - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
		single (food/feed)	25	Gram	7	0	detection	Listeria monocytogenes	7	0

Area of Sampling	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
Not Available	Infant formula - dried - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	12	0	detection	Listeria monocytogenes	12	0
	Infant formula - dried - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
		single (food/feed)	25	Gram	21	0	detection	Listeria monocytogenes	21	0
	Infant formula - dried - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	detection	Listeria monocytogenes	10	0
	Meat from bovine animals - meat products - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	108	2	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	108	2	detection	Listeria monocytogenes	107	2
	Meat from pig - meat products - cooked, ready-to-eat - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	34	0	<= 100	Listeria monocytogenes	34	0
							>100	Listeria monocytogenes	34	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	9	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - raw ham - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	23	0	detection	Listeria monocytogenes	23	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	23	0	<= 100	Listeria monocytogenes	23	0
							>100	Listeria monocytogenes	23	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	9	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0

Area of Sampling	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
Not Available	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	42	5	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	42	5	detection	Listeria monocytogenes	41	5
	Meat, mixed meat - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	6	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	3	0	detection	Listeria monocytogenes	3	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Millilitre	6	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Milk, cows' - pasteurised milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Millilitre	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	10	Millilitre	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Other food - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	detection	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	1	detection	Listeria monocytogenes	1	1
	Other processed food products and prepared dishes - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - sandwiches - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - sandwiches - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	12	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - sandwiches - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
		single (food/feed)	25	Gram	12	0	detection	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	18	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	18	0	detection	Listeria monocytogenes	18	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	11	0	detection	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	24	0	<= 100	Listeria monocytogenes	24	0
							>100	Listeria monocytogenes	24	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - sandwiches - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
		single (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	20	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	18	0	detection	Listeria monocytogenes	18	0
		single (food/feed)	25	Gram	20	0	detection	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
		single (food/feed)	10	Gram	17	0	<= 100	Listeria monocytogenes	7	0
							>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
		single (food/feed)	25	Gram	17	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - sandwiches - with meat - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	detection	Listeria monocytogenes	10	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - sushi - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	detection	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - sushi - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	12	0	detection	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	19	0	detection	Listeria monocytogenes	19	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	12	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	12	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	8	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
		single (food/feed)	10	Gram	40	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	detection	Listeria monocytogenes	8	0
		single (food/feed)	25	Gram	40	0	detection	Listeria monocytogenes	40	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	detection	Listeria monocytogenes	14	0
	Ready-to-eat salads - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	44	0	detection	Listeria monocytogenes	44	0
	Ready-to-eat salads - containing mayonnaise - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
		single (food/feed)	10	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Ready-to-eat salads - containing mayonnaise - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
		single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Ready-to-eat salads - containing mayonnaise - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	12	0	detection	Listeria monocytogenes	12	0
		single (food/feed)	25	Gram	25	0	detection	Listeria monocytogenes	25	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Ready-to-eat salads - containing mayonnaise - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	1	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Ready-to-eat salads - containing mayonnaise - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	1	detection	Listeria monocytogenes	1	1
	Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	7	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
		single (food/feed)	10	Gram	18	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0
	Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	detection	Listeria monocytogenes	7	0
	Ready-to-eat salads - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	7	1	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Ready-to-eat salads - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	1	detection	Listeria monocytogenes	5	1
					23	0	detection	Listeria monocytogenes	23	0
		single (food/feed)	25	Gram	21	0	detection	Listeria monocytogenes	21	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	15	0	detection	Listeria monocytogenes	15	0
	Ready-to-eat salads - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Ready-to-eat salads - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	10	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Ready-to-eat salads - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Ready-to-eat salads - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	49	0	detection	Listeria monocytogenes	49	0
	Sauce and dressings - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Vegetables - pre-cut - ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	6	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Vegetables - pre-cut - ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0

Table LYSSAVIRUS in animal

Area of Sampling	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
Not Available	Badgers - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	5	0	Lyssavirus	0
	Bats - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Cats - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	58	0	Lyssavirus	0
	Cattle (bovine animals) - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	3	0	Lyssavirus	0
	Deer - wild - roe deer - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Dogs - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	114	0	Lyssavirus	0
	Foxes - wild - Hunting - Slovakia - animal sample - brain - Monitoring - active - Official sampling - Objective sampling	animal	1512	0	Lyssavirus	0
	Foxes - wild - Hunting - Slovakia - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	animal	61	0	Lyssavirus	0
	Foxes - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	143	0	Lyssavirus	0
	Guinea pigs - pet animals - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Hamsters - pet animals - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Hedgehogs - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Lynx - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Marten - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	6	0	Lyssavirus	0
	Mice - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Otter - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Pigs - breeding animals - unspecified - boars - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Rabbits - pet animals - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Raccoon dogs - wild - Hunting - Slovakia - animal sample - brain - Monitoring - active - Official sampling - Objective sampling	animal	16	0	Lyssavirus	0
	Raccoon dogs - wild - Hunting - Slovakia - animal sample - brain - Monitoring - active - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Raccoon dogs - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	4	0	Lyssavirus	0
	Rats - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	3	0	Lyssavirus	0
	Squirrels - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Wild boars - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	5	0	Lyssavirus	0
	Wolves - wild - Unspecified - Slovakia - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0

Table MYCOBACTERIUM in animal

Area of Sampling	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
Not Available	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - lymph nodes - Surveillance - Official sampling - Suspect sampling	animal	1	0	Mycobacterium	0

Table SALMONELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Birds - zoo animal - Zoo - Not Available - Not Available - Clinical investigations - Not applicable - Not specified	animal		N_A	49	0	Salmonella	0
	Capricorns - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	16	0	Salmonella	0
	Cats - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	114	5	Salmonella Enteritidis	1
							Salmonella Infantis	2
							Salmonella Stanley	1
							Salmonella Typhimurium	1
	Cats - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Other	animal		N_A	28	1	Salmonella Enteritidis	1
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	20	0	Salmonella	0
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	24	0	Salmonella	0
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Other	animal		N_A	7	0	Salmonella	0
	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		N_A	17	0	Salmonella	0
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	65	0	Salmonella	0
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	95	1	Salmonella Bovismorbificans	1
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Other	animal		N_A	77	1	Salmonella Typhimurium	1
	Cattle (bovine animals) - heifers - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Cattle (bovine animals) - heifers - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Deer - wild - red deer - Hunting - Not Available - animal sample - Unspecified - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Deer - wild - Unspecified - Not Available - animal sample - organ/tissue - Unspecified - Not applicable - Other	animal		N_A	3	0	Salmonella	0
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	413	9	Salmonella 1,4,[5],12:i:-	1
							Salmonella Enteritidis	2
							Salmonella Indiana	1
							Salmonella Infantis	5
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	9	0	Salmonella	0
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Other	animal		N_A	143	1	Salmonella Typhimurium	1
	Ducks - meat production flocks - Farm - Not Available - animal sample - cloacal swab - Clinical investigations - Industry sampling - Not specified	herd/flock		N_A	1	0	Salmonella	0
	Ducks - meat production flocks - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	herd/flock		N_A	1	0	Salmonella	0
	Ducks - meat production flocks - Farm - Not Available - environmental sample - boot swabs - Clinical investigations - Industry sampling - Not specified	herd/flock		N_A	3	0	Salmonella	0
	Ducks - unspecified - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Not specified	animal		N_A	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Ferrets - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Industry sampling - Census	herd/flock	2311	N_A	2018	49	Salmonella Braenderup	4
							Salmonella Enteritidis	9
							Salmonella Infantis	34
							Salmonella Typhimurium	2
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	2311	N_A	236	4	Salmonella Enteritidis	1
							Salmonella Infantis	3
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	2311	Y	2199	53	Salmonella Braenderup	4
							Salmonella Enteritidis	10
							Salmonella Infantis	37
							Salmonella Typhimurium	2
	Gallus gallus (fowl) - broilers - day-old chicks - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	391	2	Salmonella Enteritidis	2
	Gallus gallus (fowl) - broilers - day-old chicks - Farm - Not Available - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		N_A	35	0	Salmonella	0
	Gallus gallus (fowl) - broilers - day-old chicks - Farm - Not Available - environmental sample - delivery box liner - Monitoring - Industry sampling - Objective sampling	herd/flock		N_A	73	10	Salmonella Enteritidis	9
							Salmonella Newport	1
	Gallus gallus (fowl) - broilers - Farm - Not Available - animal sample - cloacal swab - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	41	0	Salmonella	0
	Gallus gallus (fowl) - broilers - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	180	1	Salmonella Enteritidis	1
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	10	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	21	1	Salmonella Saintpaul	1
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	252	N_A	201	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	252	Y	201	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	252	N_A	77	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - day-old chicks - Farm - Not Available - animal sample - cloacal swab - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	9	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - day-old chicks - Farm - Not Available - animal sample - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	8	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - day-old chicks - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	2	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - day-old chicks - Farm - Not Available - animal sample - organ/tissue - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	33	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - day-old chicks - Farm - Not Available - environmental sample - delivery box liner - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	52	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	2	1	Salmonella Enteritidis	1
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Not Available - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	85	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	herd/flock		N_A	2	0	Salmonella	0
	Gallus gallus (fowl) - parent breeding flocks, unspecified - adult - Farm - Not Available - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock	110	N_A	110	0	Salmonella	0
	Gallus gallus (fowl) - parent breeding flocks, unspecified - adult - Farm - Not Available - animal sample - faeces - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	110	N_A	103	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - parent breeding flocks, unspecified - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	110	Y	110	0	Salmonella	0
	Gallus gallus (fowl) - parent breeding flocks, unspecified - day-old chicks - Farm - Not Available - animal sample - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	11	0	Salmonella	0
	Gallus gallus (fowl) - parent breeding flocks, unspecified - day-old chicks - Farm - Not Available - environmental sample - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	18	0	Salmonella	0
	Gallus gallus (fowl) - parent breeding flocks, unspecified - during rearing period - Farm - Not Available - animal sample - faeces - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	49	0	Salmonella	0
	Geese - meat production flocks - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	2	0	Salmonella	0
	Geese - meat production flocks - Farm - Not Available - environmental sample - boot swabs - Clinical investigations - Industry sampling - Not specified	herd/flock		N_A	2	0	Salmonella	0
	Geese - unspecified - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Goats - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Goats - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	9	1	Salmonella Enteritidis	1
	Goats - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Other	animal		N_A	2	0	Salmonella	0
	Guinea pigs - pet animals - Unspecified - Not Available - Not Available - Clinical investigations - Not applicable - Other	animal		N_A	4	0	Salmonella	0
	Ostriches - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Not specified	animal		N_A	8	0	Salmonella	0
	Ostriches - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	4	1	Salmonella Coeln	1
	Ostriches - Zoo - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Not specified	animal		N_A	6	0	Salmonella	0
	Other carnivores - zoo animals - Zoo - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	2	1	Salmonella Infantis	1
	Parrots - Unspecified - Not Available - animal sample - cloacal swab - Clinical investigations - Not applicable - Not specified	animal		N_A	8	0	Salmonella	0
	Parrots - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Not specified	animal		N_A	17	0	Salmonella	0
	Parrots - Unspecified - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	18	1	Salmonella Infantis	1
	Pheasants - Unspecified - Not Available - Not Available - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
	Pigeons - Unspecified - Not Available - animal sample - cloacal swab - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
	Pigeons - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Not specified	animal		N_A	29	1	Salmonella Typhimurium	1
	Pigeons - Unspecified - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified	animal		N_A	13	1	Salmonella Enteritidis	1
	Pigs - fattening pigs - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	20	0	Salmonella	0
	Pigs - fattening pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		N_A	11	2	Salmonella 1,4,[5],12:i:-	1
							Salmonella Derby	1
	Pigs - fattening pigs - unspecified - weaners to growers - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Pigs - fattening pigs - unspecified - weaners to growers - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	10	0	Salmonella	0
	Pigs - mixed herds - unspecified - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Pigs - mixed herds - unspecified - piglets - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal		N_A	20	1	Salmonella Derby	1
	Quails - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Selective sampling	animal		N_A	1	0	Salmonella	0
	Rabbits - farmed - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	13	0	Salmonella	0
	Rabbits - pet animals - Veterinary clinics - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	12	0	Salmonella	0
	Rats - laboratory animal - Unspecified - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Rats - pet animal - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Reptiles - pet animals - Unspecified - Not Available - Not Available - Clinical investigations - Not applicable - Other	animal		N_A	4	2	Salmonella Apapa	1
							Salmonella Cotham	1
	Rodents - laboratory animal - Retail - Not Available - animal sample - Clinical investigations - Not applicable - Other	animal		N_A	10	0	Salmonella	0
	Sheep - animals over 1 year - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	49	0	Salmonella	0
	Sheep - animals under 1 year (lambs) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Other	animal		N_A	31	0	Salmonella	0
	Snakes - pet animals - Unspecified - Not Available - animal sample - cloacal swab - Clinical investigations - Not applicable - Other	animal		N_A	2	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	7	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Other	animal		N_A	11	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - adult - Farm - Not Available - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	31	N_A	31	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	31	Y	31	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	31	N_A	31	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - day-old chicks - Farm - Not Available - animal sample - organ/tissue - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	4	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - day-old chicks - Farm - Not Available - environmental sample - delivery box liner - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	7	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - day-old chicks - Hatchery - Not Available - animal sample - eggshells - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	3	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - hatching eggs - Farm - Not Available - Not Available - Control and eradication programmes - Industry sampling - Objective sampling	herd/flock		N_A	12	0	Salmonella	0
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	26	N_A	24	0	Salmonella	0
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	26	Y	24	1	Salmonella Newport	1
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - Not Available - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	26	N_A	6	1	Salmonella Newport	1
	Turkeys - fattening flocks - Farm - Not Available - animal sample - organ/tissue - Monitoring - Industry sampling - Objective sampling	herd/flock		N_A	1	0	Salmonella	0
	Turtles - pet animals - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Turtles - zoo animals - Unspecified - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Other	animal		N_A	2	1	Salmonella Braenderup	1
	Wild boars - Hunting - Not Available - animal sample - Unspecified - Not applicable - Other	animal		N_A	1	0	Salmonella	0
	Zoo animals, all - Zoo - Not Available - Not Available - Clinical investigations - Not applicable - Other	animal		N_A	101	0	Salmonella	0

Table SALMONELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bakery products - bread - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Bakery products - bread - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Bakery products - desserts - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Bakery products - desserts - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Bakery products - pastry - biscuits - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	17	0	Salmonella	0
	Bakery products - pastry - biscuits - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Bakery products - pastry - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Bakery products - pastry - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Bakery products - pastry - yeast leavened pastry - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Bakery products - pastry - yeast leavened pastry - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Bakery products - pastry - yeast leavened pastry - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Bakery products - pastry - yeast leavened pastry - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Bakery products - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Beverages, alcoholic - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	5	0	Salmonella	0
	Beverages, non-alcoholic - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	9	0	Salmonella	0
		single (food/feed)	25	Millilitre	42	0	Salmonella	0
	Cereals and meals - flakes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cereals and meals - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Cheeses made from cows' milk - curd - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Cheeses made from cows' milk - fresh - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	146	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	10	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	27	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Chocolate - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Catering - European Union - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	12	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	14	0	Salmonella	0
		single (food/feed)	25	Gram	5	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
					8	0	Salmonella	0
		single (food/feed)	25	Gram	6	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0
		single (food/feed)	25	Gram	15	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	Salmonella	0
	Coconut - coconut products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	Salmonella	0
	Confectionery products and pastes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	1	0	Salmonella	0
	Confectionery products and pastes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Confectionery products and pastes - chocolate-based product - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Confectionery products and pastes - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Confectionery products and pastes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	108	0	Salmonella	0
					151	0	Salmonella	0
		single (food/feed)	25	Gram	466	0	Salmonella	0
	Confectionery products and pastes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Confectionery products and pastes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	43	1	Salmonella Enteritidis PT 21c	1
	Confectionery products and pastes - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Confectionery products and pastes - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
					30	0	Salmonella	0
		single (food/feed)	25	Gram	67	0	Salmonella	0
	Confectionery products and pastes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	60	0	Salmonella	0
	Crustaceans - shrimps - raw - frozen - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Crustaceans - unspecified - cooked - Retail - Non European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
		single (food/feed)	25	Gram	71	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
				Millilitre	206	0	Salmonella	0
		single (food/feed)	25	Millilitre	55	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	22	0	Salmonella	0
		single (food/feed)	25	Gram	385	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0
				Millilitre	4	0	Salmonella	0
		single (food/feed)	25	Gram	57	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	12	0	Salmonella	0
					21	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	Salmonella	0
	Eggs - raw material (liquid egg) for egg products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Eggs - raw material (liquid egg) for egg products - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0
	Eggs - table eggs - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	8	0	Salmonella	0
	Eggs - table eggs - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	14	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Eggs - table eggs - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - mixed whole - Packing centre - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	1	Salmonella Enteritidis	1
	Eggs - table eggs - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	Salmonella	0
	Eggs - table eggs - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Eggs - table eggs - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	18	0	Salmonella	0
		single (food/feed)	25	Gram	21	0	Salmonella	0
	Eggs - table eggs - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Eggs - table eggs - shell - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	28	0	Salmonella	0
	Eggs - table eggs - shell - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	1	Salmonella Infantis	1
	Eggs - table eggs - shell - Unspecified - European Union - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	24	1	Salmonella Enteritidis PT 2	1
	Eggs - table eggs - shell - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0
	Eggs - table eggs - whole - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	28	0	Salmonella	0
	Eggs - table eggs - yolk - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	24	0	Salmonella	0
	Fats and oils (excluding butter) - fats - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fish - cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Fish - raw - frozen - Wholesale - Non European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Fish - smoked - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Fishery products, unspecified - cooked - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Follow-on formulae - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	10	0	Salmonella	0
		single (food/feed)	25	Gram	13	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	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 - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - food for sporting people - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - food for sporting people - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - food for weight reduction - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Hospital or medical care facility - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - non-ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	13	0	Salmonella	0
		single (food/feed)	25	Gram	8	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Foodstuffs intended for special nutritional uses - other food for infants and children - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Processing plant - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	9	0	Salmonella	0
		single (food/feed)	25	Gram	23	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	6	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	18	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	18	0	Salmonella	0
		single (food/feed)	25	Gram	30	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	16	0	Salmonella	0
	Fruits - pre-cut - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Fruits - products - dried - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	46	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fruits and vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	34	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	8	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	1	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	134	0	Salmonella	0
		single (food/feed)	25	Gram	92	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	9	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
		single (food/feed)	25	Gram	20	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	Salmonella	0
	Infant formula - dried - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	18	0	Salmonella	0
		single (food/feed)	25	Gram	7	0	Salmonella	0
	Infant formula - dried - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	12	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
		single (food/feed)	25	Gram	26	0	Salmonella	0
	Infant formula - dried - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	48	0	Salmonella	0
	Infant formula - dried - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Infant formula - liquid - intended for infants below 6 months - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	2	0	Salmonella	0
	Infant formula - liquid - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	Salmonella	0
	Infant formula - ready-to-eat - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Infant formula - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0
	Juice - fruit juice - pasteurised - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	2	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	10	Gram	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	2	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	5	1	Salmonella Derby	1
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	1	0	Salmonella	0
	Meat from bovine animals and pig - meat products - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	Salmonella	0
	Meat from bovine animals and pig - meat products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	Salmonella	0
	Meat from bovine animals and pig - meat products - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - Slaughterhouse - Slovakia - food sample - neck skin - Monitoring - Official sampling - Objective sampling	slaughter animal batch	25	Gram	155	90	Salmonella Bareilly	5
							Salmonella Enteritidis	33
							Salmonella Infantis	58
							Salmonella Typhimurium	2
	Meat from broilers (Gallus gallus) - fresh - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	13	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	32	2	Salmonella Infantis	1
							Salmonella Newport	1
	Meat from broilers (Gallus gallus) - fresh - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	16	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	2	Salmonella Enteritidis	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	9	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	11	0	Salmonella	0
	Meat from broilers (Gallus gallus) - offal - unspecified - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Meat from duck - fresh - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Meat from duck - meat preparation - intended to be eaten cooked - frozen - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	1	Salmonella Enteritidis	1
	Meat from pig - carcase - Slaughterhouse - Not Available - Not Available - Control and eradication programmes - HACCP and own check - Objective sampling	slaughter animal batch		Not Available	3904	1	Salmonella enterica, subspecies enterica	1
	Meat from pig - carcase - Slaughterhouse - Not Available - Not Available - Control and eradication programmes - Official, based on Regulation 854/2004 - Objective sampling	slaughter animal batch		Not Available	65	1	Salmonella Derby	1
	Meat from pig - fresh - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - fresh - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Meat from pig - fresh - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	44	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	20	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	4	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	10	1	Salmonella Typhimurium	1
	Meat from pig - meat preparation - intended to be eaten cooked - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	33	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	13	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	13	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	12	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	69	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	27	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Meat from pig - meat products - unspecified, ready-to-eat - Catering - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	1	Salmonella Enteritidis	1
	Meat from pig - minced meat - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	25	3	Salmonella Derby	1
							Salmonella Typhimurium	2
	Meat from pig - minced meat - intended to be eaten cooked - frozen - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	2	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	11	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	21	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten raw - Processing plant - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	2	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	67	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	7	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Meat from poultry, unspecified - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from turkey - carcase - chilled - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	1	Salmonella Newport	1
	Meat from turkey - carcase - Slaughterhouse - Slovakia - food sample - neck skin - Monitoring - Official sampling - Objective sampling	slaughter animal batch	25	Gram	5	3	Salmonella Kentucky	3
	Meat from turkey - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Meat, mixed meat - meat preparation - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	10	Gram	7	0	Salmonella	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	21	0	Salmonella	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	15	0	Salmonella	0
	Meat, mixed meat - meat products - fermented sausages - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Meat, mixed meat - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	14	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Milk, cows' - extended shelf life milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Nuts and nut products - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	10	0	Salmonella	0
	Nuts and nut products - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Other food - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	13	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other food - Retail - European Union - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	5	0	Salmonella	0
		single (food/feed)	25	Gram	41	0	Salmonella	0
	Other food - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	117	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	17	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	79	0	Salmonella	0
	Other processed food products and prepared dishes - chips, crisps, fries and dough-based analogues - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - chips, crisps, fries and dough-based analogues - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	20	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Other processed food products and prepared dishes - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	9	0	Salmonella	0
	Other processed food products and prepared dishes - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	9	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	19	0	Salmonella	0
		single (food/feed)	25	Gram	318	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
		single (food/feed)	25	Gram	49	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	7	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	68	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	16	0	Salmonella	0
		single (food/feed)	25	Gram	27	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	62	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Unspecified - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	15	0	Salmonella	0
		single (food/feed)	25	Gram	172	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	10	0	Salmonella	0
		single (food/feed)	25	Gram	86	0	Salmonella	0
				Millilitre	12	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	38	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	2	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	35	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	494	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	15	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	22	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
		single (food/feed)	25	Gram	127	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	82	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	25	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Unspecified - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - mushroom based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	19	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - filled pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
					32	1	Salmonella Enteritidis	1
	Other processed food products and prepared dishes - pasta - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - simple pasta - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - simple pasta - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - pasta - simple pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	6	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	22	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	8	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	7	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	43	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	15	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	41	0	Salmonella	0
	Other processed food products and prepared dishes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	62	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	13	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	23	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	76	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Unspecified - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	175	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	8	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - sandwiches - non-meat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	18	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	17	0	Salmonella	0
		single (food/feed)	25	Gram	10	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	21	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	19	0	Salmonella	0
		single (food/feed)	25	Gram	58	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	59	0	Salmonella	0
		single (food/feed)	25	Gram	76	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	15	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	Salmonella	0
		single (food/feed)	25	Gram	16	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Unspecified - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	124	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	79	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	928	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	487	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - frozen - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	93	0	Salmonella	0
		single (food/feed)	25	Gram	193	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	262	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	15	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	13	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetarian pâté - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetarian pâté - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	17	0	Salmonella	0
	Ready-to-eat salads - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	45	0	Salmonella	0
	Ready-to-eat salads - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	24	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	1	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
					29	0	Salmonella	0
		single (food/feed)	25	Gram	39	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	8	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Ready-to-eat salads - containing mayonnaise - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	Salmonella	0
		single (food/feed)	25	Gram	32	0	Salmonella	0
	Ready-to-eat salads - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	34	0	Salmonella	0
		single (food/feed)	25	Gram	26	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	12	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Ready-to-eat salads - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
		single (food/feed)	25	Gram	1	0	Salmonella	0
	Ready-to-eat salads - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	75	0	Salmonella	0
	Sauce and dressings - mayonnaise - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Sauce and dressings - mayonnaise - Unspecified - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Seeds, dried - Catering - European Union - food sample - Surveillance - Official sampling - Selective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	10	0	Salmonella	0
	Soups - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	22	0	Salmonella	0
	Soups - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	23	0	Salmonella	0
	Soups - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Soups - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Soups - ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	20	0	Salmonella	0
	Soups - ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Soups - ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	12	0	Salmonella	0
	Soups - ready-to-eat - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Soups - ready-to-eat - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	27	0	Salmonella	0
		single (food/feed)	25	Millilitre	28	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	12	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	27	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Soups - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Spices and herbs - dried - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	Salmonella	0
	Spices and herbs - dried - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
					20	0	Salmonella	0
		single (food/feed)	25	Gram	1	0	Salmonella	0
	Spices and herbs - dried - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	30	0	Salmonella	0
		single (food/feed)	25	Gram	61	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Spices and herbs - dried - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	19	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Spices and herbs - dried - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Spices and herbs - dried - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Sweets - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	Salmonella	0
		single (food/feed)	25	Gram	19	0	Salmonella	0
	Sweets - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Catering - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	17	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Vegetables - pre-cut - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Vegetables - products - cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Water - bottled water - Hospital or medical care facility - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	250	Millilitre	2	0	Salmonella	0
	Water - bottled water - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	250	Millilitre	5	0	Salmonella	0
	Water - bottled water - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	24	0	Salmonella	0
	Water - bottled water - Retail - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	5	0	Salmonella	0
		single (food/feed)	25	Millilitre	73	0	Salmonella	0
	Water - bottled water - Retail - Slovakia - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	250	Millilitre	7	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Water - potable water - Unspecified - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	8	0	Salmonella	0

Table SALMONELLA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Compound feedingstuffs for cattle - final product - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	12	0	Salmonella	0
	Compound feedingstuffs for cattle - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	23	0	Salmonella	0
	Compound feedingstuffs for fish - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Compound feedingstuffs for fish - final product - pelleted - Feed mill - Not Available - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Compound feedingstuffs for pigs - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Compound feedingstuffs for sheep - final product - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of cereal grain origin - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Feed material of land animal origin - animal fat - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of land animal origin - blood meal - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of land animal origin - dairy products - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	29	0	Salmonella	0
		single (food/feed)	25	Gram	20	0	Salmonella	0
	Feed material of land animal origin - dairy products - whey powder - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	10	0	Salmonella	0
	Feed material of land animal origin - greaves - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of land animal origin - meat and bone meal - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	Salmonella	0
	Feed material of land animal origin - poultry offal meal - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Feed mill - Non European Union - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	Salmonella	0
	Other feed material - forages and roughages - Farm - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Other feed material - forages and roughages - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Other feed material - other plants - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Pet food - dog snacks (pig ears, chewing bones) - Retail - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	35	0	Salmonella	0
	Pet food - Feed mill - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Pet food - final product - pelleted - Retail - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Pet food - Retail - Slovakia - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	57	0	Salmonella	0

Table STAPHYLOCOCCAL ENTEROTOXINS in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	6	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	1	Staphylococcal enterotoxins	1
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Slovakia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Staphylococcal enterotoxins	0

Table STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) in animal

Area of Sampling	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
Not Available	Capricorns - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	13	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Capricorns - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Capricorns - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cats - pet animals - Veterinary clinics - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	88	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cats - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	28	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cats - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	7	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - nasal swab - Clinical investigations - Not applicable - Suspect sampling	animal	21	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	4	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	5	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	7	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	11	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	17	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - dairy cows - Farm - Not Available - animal sample - milk - Clinical investigations - Not applicable - Suspect sampling	animal	297	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - heifers - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Cattle (bovine animals) - heifers - Farm - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Deer - wild - Natural habitat - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Methicillin resistant Staphylococcus aureus (MRSA)	0

Area of Sampling	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
Not Available	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	432	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	97	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	9	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	92	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Goats - Farm - Not Available - animal sample - milk - Clinical investigations - Not applicable - Suspect sampling	animal	17	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Goats - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	6	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Guinea pigs - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Guinea pigs - pet animals - Veterinary clinics - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Guinea pigs - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Parrots - Unspecified - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Parrots - Unspecified - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	8	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Pigeons - Veterinary clinics - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	4	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Pigeons - Veterinary clinics - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	4	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Pigs - fattening pigs - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Pigs - fattening pigs - unspecified - weaners to growers - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Rabbits - pet animals - Farm - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Rabbits - pet animals - Veterinary clinics - Not Available - animal sample - nasal swab - Clinical investigations - Not applicable - Suspect sampling	animal	16	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Rabbits - pet animals - Veterinary clinics - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	10	0	Methicillin resistant Staphylococcus aureus (MRSA)	0

Area of Sampling	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
Not Available	Sheep - animals over 1 year - Farm - Not Available - animal sample - nasal swab - Clinical investigations - Not applicable - Suspect sampling	animal	11	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Sheep - animals over 1 year - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	10	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Sheep - animals under 1 year (lambs) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	12	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Sheep - milk ewes - Farm - Not Available - animal sample - milk - Clinical investigations - Not applicable - Suspect sampling	animal	53	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Solipeds, domestic - horses - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Solipeds, domestic - horses - Veterinary clinics - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	1	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Solipeds, domestic - horses - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	3	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Solipeds, domestic - horses - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	10	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Zoo animals, all - Zoo - Not Available - animal sample - Clinical investigations - Not applicable - Suspect sampling	animal	6	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Zoo animals, all - Zoo - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	8	0	Methicillin resistant Staphylococcus aureus (MRSA)	0
	Zoo animals, all - Zoo - Not Available - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	animal	2	0	Methicillin resistant Staphylococcus aureus (MRSA)	0

Table TOXOPLASMA in animal

Area of Sampling	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
Not Available	Cats - Veterinary clinics - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	43	14	Toxoplasma gondii	14
	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	5	3	Toxoplasma gondii	3
	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	2	0	Toxoplasma	0
	Dogs - Veterinary clinics - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	28	14	Toxoplasma gondii	14
	Goats - Farm - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	11	3	Toxoplasma gondii	3
	Goats - Veterinary clinics - Not Available - animal sample - blood - Clinical investigations - Not applicable - Objective sampling	animal	7	2	Toxoplasma gondii	2
	Hares - wild - Hunting - Not Available - animal sample - blood - Clinical investigations - Not applicable - Suspect sampling	animal	70	4	Toxoplasma gondii	4

Table TRICHINELLA in animal

Area of Sampling	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
Not Available	Bears - Game handling estabilishment - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	2	0	Trichinella	0
	Bears - Hunting - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	8	0	Trichinella	0
	Foxes - Hunting - Slovakia - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	animal	181	19	Trichinella britovi	5
					Trichinella, unspecified sp.	14
	Pigs - breeding animals - not raised under controlled housing conditions - sows and boars - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	11527	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	120	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	animal	543699	0	Trichinella	0
	Wild boars - wild - Game handling estabilishment - European Union - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	2394	5	Trichinella spiralis	4
					Trichinella, unspecified sp.	1
	Wild boars - wild - Game handling estabilishment - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	2876	0	Trichinella	0
	Wild boars - wild - Hunting - Slovakia - animal sample - organ/tissue - Surveillance - Official sampling - Objective sampling	animal	11548	6	Trichinella britovi	1
					Trichinella, unspecified sp.	5

Table YERSINIA in animal

Area of Sampling	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
Not Available	Cats - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	21	0	Yersinia	0
	Cats - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	10	0	Yersinia	0
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - faeces - Clinical investigations - Not applicable - Suspect sampling	animal	41	0	Yersinia	0
	Dogs - pet animals - Veterinary clinics - Not Available - animal sample - rectum-anal swab - Clinical investigations - Not applicable - Suspect sampling	animal	27	0	Yersinia	0

Table YERSINIA in food

Area of Sampling	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
Not Available	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Slovakia - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Yersinia	0
	Milk, goats' - raw milk - Farm - Slovakia - food sample - Surveillance - HACCP and own check - Suspect sampling	single (food/feed)	25	Millilitre	1	1	Yersinia enterocolitica - biotype 4	1

FOODBORNE OUTBREAKS TABLES

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
Campylobacter coli	Unknown						10	14	7	0
Campylobacter jejuni	Unknown		1	5	0	0	88	80	6	0
Campylobacter, unspecified sp.	Unknown						16	35	6	0
Enteropathogenic E. coli (EPEC)	Unknown						1	7	0	0
Norovirus	Mixed food		1	6	1	0				
Salmonella	Unknown						5	5	4	0
Salmonella Enteritidis	Eggs and egg products		1	27	14	0				
	Mixed food		1	8	0	0				
	Unknown						180	497	154	0
Salmonella Enteritidis Not typable	Mixed food		1	22	0	0				
	Unknown						62	158	54	0
Salmonella Enteritidis PT 2	Eggs and egg products		1	15	0	0				
	Bakery products		1	31	6	0				
Salmonella Enteritidis PT 8	Broiler meat (Gallus gallus) and products thereof		1	28	10	0				
	Unknown						2	64	2	0
Salmonella group C	Unknown						1	2	0	0
Salmonella Infantis	Unknown						2	4	2	0
Salmonella Mikawasima	Unknown						1	2	1	0
Salmonella Newport	Unknown						2	9	7	0
Salmonella Typhimurium	Unknown						4	9	3	0
Shigella flexneri	Unknown						2	6	4	0
Shigella sonnei	Unknown						3	11	1	0
Staphylococcus aureus	Unknown						1	9	0	0
Tick-borne encephalitis virus (TBE)	Cheese		2	54	39	0				
	Unknown						3	8	8	0
Unknown	Unknown						58	1,231	127	0
Yersinia enterocolitica	Unknown						1	2	0	0

Strong Foodborne Outbreaks: detailed data

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Campylobacter jejuni	unk	Komárno	Household / domestic kitchen	Unknown	N_A	Descriptive epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	1	5	0	0
Norovirus	unk	pizzeria	General	Mixed food	chicken meat with vegetable	Descriptive epidemiological evidence	Others	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Inadequate heat treatment	N_A	1	6	1	0
Salmonella Enteritidis	unk	Lysica rodina	Household / domestic kitchen	Mixed food	N_A	Descriptive epidemiological evidence	Household	Household	Unknown	Inadequate heat treatment	N_A	1	8	0	0
		žemľovka Vrútky	General	Eggs and egg products	bread apple pie with baken beaten egg white on top	Descriptive epidemiological evidence	Others	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Slovakia	Inadequate heat treatment	N_A	1	27	14	0
Salmonella Enteritidis Not typable	unk	Myjava trhánky	General	Mixed food	potato pasta with sheep cheese and bacon	Descriptive epidemiological evidence	Others	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Slovakia	Inadequate heat treatment	N_A	1	22	0	0
Salmonella Enteritidis PT 2	unk	Čičva restauracia	General	Bakery products	steamed dumpling	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Slovakia	Inadequate heat treatment	N_A	1	31	6	0
		železnica posedenie	General	Eggs and egg products	potato salad with mayonaise from domestic eggs	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Canteen or workplace catering	Household	Slovakia	Inadequate heat treatment	N_A	1	15	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Enteritidis PT 8	unk	vývarovna bb	General	Broiler meat (Gallus gallus) and products thereof	marinated meat	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Brazil	Inadequate heat treatment	N_A	1	28	10	0
Tick-borne encephalitis virus (TBE)	unk	Nižný Klátov	General	Cheese	sheep cheese	Analytical epidemiological evidence	Household	Farm (not specified)	Slovakia	Inadequate heat treatment	N_A	1	44	33	0
		Zvolen	Household / domestic kitchen	Cheese	raw goat cheese	Descriptive epidemiological evidence	Household	Household	Slovakia	Inadequate heat treatment	N_A	1	10	6	0

Weak Foodborne Outbreaks: detailed data

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Campylobacter coli	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	10	14	7	0
Campylobacter jejuni	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	88	80	6	0
Campylobacter, unspecified sp.	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	16	35	6	0
Enteropathogenic E. coli (EPEC)	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	1	7	0	0
Salmonella	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	5	5	4	0
Salmonella Enteritidis	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	180	497	154	0
Salmonella Enteritidis Not typable	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	62	158	54	0
Salmonella Enteritidis PT 8	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	2	64	2	0
Salmonella group C	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	1	2	0	0
Salmonella Infantis	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	2	4	2	0
Salmonella Mikawasima	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	1	2	1	0
Salmonella Newport	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	2	9	7	0
Salmonella Typhimurium	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	4	9	3	0
Shigella flexneri	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	2	6	4	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Shigella sonnei	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	3	11	1	0
Staphylococcus aureus	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	1	9	0	0
Tick-borne encephalitis virus (TBE)	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	3	8	8	0
Unknown	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	58	1,231	127	0
Yersinia enterocolitica	unk	N_A	Not Available	Unknown	N_A	Unknown	Not Available	unk	Not Available	NOT AVAILABLE	N_A	1	2	0	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

Sampling details: N_A

	AM substance	Ciprofloxacin	Erythromycin (Erythromycin A)	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	**0.5**	**4**	**2**	**16**	**4**	**1**
	Lowest limit	**0.12**	**1**	**0.12**	**1**	**0.25**	**0.5**
	Highest limit	**16**	**128**	**16**	**64**	**16**	**64**
	N of tested isolates	**85**	**85**	**85**	**85**	**85**	**85**
MIC	**N of resistant isolates**	**67**	**4**	**1**	**48**	**13**	**37**
<=0.12		15		57			
<=0.25						19	
0.25		1		12			
<=0.5							47
0.5		2		9		23	
<=1			81				
1		2		2		27	1
2				4	3	1	5
4		7			31	2	12
8		39	1			1	
16		16			3	6	1
>16		3		1		6	
32			1		11		7
>64					37		12
128			1				
>128			1				

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

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

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**
<=0.015							1								
<=0.03										3					
0.03							3								
0.064										1					
<=0.25				4										4	3
<=0.5					4				4						
<=1		2						4							
<=2													4		
2		1													
<=4											4				
<=8						4									
8			4												
32												3			
>32															1
>64		1													
>1024												1			

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.015							3								
<=0.03										4					
<=0.25				4										4	4
0.25							1								
<=0.5					4				3						
<=1		2						4							
1									1						
<=2													4		
2		2													
<=4											3				
<=8						4									
8			4												
32												4			
>128											1				

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
MIC	N of resistant isolates	3	0	0	0	0	4	0	0	0	3	0	0	0	0
<=0.015							1								
<=0.03										6					
0.03							1								
<=0.25				5										5	6
0.25							1								
<=0.5					6				6						
0.5				1										1	
<=1								5							
1							2								
<=2													6		
2	3						1	1							
<=4											2				
4			2												
<=8						6									
8			3												
16			1								1	1			
32											2	5			
>64	3														
>128											1				

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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	1
<=0.5					1				1						
<=2													1		
2		1						1							
<=4											1				
4			1												
<=8						1									
32												1			

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.03										3					
0.03							2								
<=0.25				3										3	3
0.25							1								
<=0.5					3				3						
<=1		3													
<=2													3		
2								3							
<=4											2				
4			2												
<=8						3									
8			1												
16												1			
32												1			
64												1			
>128											1				

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

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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**	**1**	**0**	**0**	**0**	**0**
<=0.03										1					
<=0.25				1										1	1
0.25							1								
<=0.5					1				1						
<=2													1		
2		1						1							
4			1												
<=8						1									
32												1			
>128											1				

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

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**	**30**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**0**	**12**	**1**	**0**	**0**	**10**	**0**	**0**	**0**	**0**
<=0.015							3								
<=0.03										30					
0.03							15								
<=0.25				30										26	30
0.25							10								
<=0.5					30				28						
0.5														3	
<=1		5						17							
1							2		2					1	
<=2			1										30		
2		22						12							
<=4											18				
4		1	23					1							
<=8						30									
8			6												
16											2	14			
32												16			
>64		2													
>128											10				

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	33	33	33	33	33	33	33	33	33	33	33	33	33	33
MIC	N of resistant isolates	5	0	0	0	1	33	0	0	0	33	14	14	0	1
<=0.03										33					
<=0.25				29										6	27
0.25							1								
<=0.5					22				32						
0.5				4			17							15	5
<=1	2							33							
1					11		15		1					12	
<=2													14		
2	16														
4	10												5		
<=8						27									
8		20													
16		13				5						9			
32												10			
>32															1
64						1									
>64	5												14		
>128											33				
>1024												14			

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**3**	**2**	**3**	**1**	**0**
<=0.03										3					
<=0.25				3											2
<=0.5					1				3						
0.5							1							2	1
<=1								3							
1					2		1								
2		1												1	
4		1					1								
<=8						2									
8			2												
16			1			1									
64											1	1			
>64		1											3		
>128											2				
>1024												2			

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	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	0	1	1	1	0	0
<=0.03										1					
<=0.25				1											1
<=0.5					1				1						
<=1								1							
1														1	
4							1								
<=8						1									
8			1												
>64		1											1		
>128											1				
>1024												1			

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

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**
MIC	**N of resistant isolates**	**17**	**0**	**0**	**0**	**0**	**44**	**0**	**0**	**0**	**43**	**43**	**43**	**1**	**0**
<=0.03										44					
<=0.25				39											38
0.25							1								
<=0.5					25				44						
0.5				5			5							18	6
<=1								40							
1					19		22							25	
<=2													1		
2		8						4						1	
4		19	2				16								
<=8						35						1			
8			24								1				
16			18			9									
>64		17											43		
>128											43				
>1024												43			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Meat from turkey - carcase

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**
<=0.03										2					
<=0.25				2										2	2
<=0.5					1				2						
<=1		1						2							
1					1										
<=2													2		
4			1												
<=8						2									
8			1				1								
>8							1								
16												2			
>64		1													
>128											2				

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

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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**	**0**	**1**	**0**	**0**	**0**	**0**
<=0.03										1					
<=0.25				1										1	1
<=0.5									1						
<=1								1							
1					1										
<=2													1		
4			1												
<=8						1									
>8							1								
16												1			
>64		1													
>128											1				

Table Antimicrobial susceptibility testing of Salmonella Newport in Turkeys - meat production flocks - before slaughter

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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**	**1**	**0**	**0**	**0**	**0**
0.064										1					
<=0.25				1										1	1
<=0.5					1				1						
0.5							1								
<=1		1						1							
<=2													1		
<=8						1									
8			1												
16												1			
32											1				

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

Sampling Details: N_A

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.125	0.5	0.5	8	2	1	0.064	1	0.125	32
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	64
	N of tested isolates	1	1	1	1	1	1	1	1	1	1
MIC	N of resistant isolates	1	1	0	0	1	0	1	0	0	0
0.064										1	
0.12								1			
0.25									1		
0.5				1							
1							1				
4					1						
16											1
32						1					
>32		1									
>64			1								

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

Sampling Stage: Farm

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**1**	**1**	**1**	**1**	**1**	**1**	**0**	**1**	**0**	**1**	**1**	**1**	**0**	**1**
<=0.015							1								
<=0.03										1					
0.064										1					
<=0.25				1										1	1
<=0.5					1				1						
0.5														1	
<=1								2							
1							1								
<=2													1		
2		1													
<=4											1				
>4				1											
<=8						1									
8			1												
>8					1										
32												1			
>32									1						1
>64		1	1										1		
>128						1					1				
>1024												1			

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: Industry sampling

Sampling Strategy: Not specified

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	1
<=0.5					1				1						
<=1								1							
<=2													1		
<=4											1				
<=8						1									
8			1												
64												1			
>64		1													

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

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

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2										2	2
<=0.5					2				2						
<=1		1						2							
<=2													2		
2		1													
<=4											2				
<=8						2									
8			2												
32												2			

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail | Sampling Type: food sample - meat | Sampling Context: Monitoring

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

Analytical Method: Dilution - sensititre

Country of Origin: Romania

Sampling Details: N_A

AM substance		Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Cefoxitin		Ceftazidim		Ceftazidime + Clavulanic acid		Ertapenem		Imipenem		Meropenem		Temocillin	
	Cefotaxime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
	Ceftazidime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
	ECOFF	0.125	0.125	0.25	0.25	0.25	0.25	8	8	0.5	0.5	0.5	0.5	0.064	0.064	0.5	0.5	0.125	0.125	32	32
	Lowest limit	0.064	0.064	0.25	0.25	0.064	0.064	0.5	0.5	0.25	0.25	0.12	0.12	0.015	0.015	0.12	0.12	0.03	0.03	0.5	0.5
	Highest limit	32	32	64	64	64	64	64	64	128	128	128	128	2	2	16	16	16	16	128	128
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MIC	N of resistant isolates	2	2	2	2	1	1	1	1	2	2	1	1	0	0	0	0	0	0	0	0
<=0.03																		1	1		
<=0.064						1															
0.064														1	1						
<=0.12												1				1	1				
0.25			1																		
2								1		1											
4							1														1
8													1							1	
16		1			1						1										
64									1												
>64				1																	

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail
Sampling Type: food sample - meat
Sampling Context: Monitoring
Sampler: Official sampling
Sampling Strategy: Objective sampling
Programme Code: ESBL MON
Analytical Method: Dilution - sensititre
Country of Origin: Romania

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MIC	N of resistant isolates	2	0	2	2	0	2	0	0	0	2	2	2	0	2
<=0.03										2					
<=0.25														2	
0.25							1								
<=0.5									2						
<=1								2							
1							1								
2					1										
4			2												
>4				2											
<=8						2									
>8					1										
>32															2
64											2				
>64		2											2		
>1024												2			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail | Sampling Type: food sample - meat | Sampling Context: Monitoring

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

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

Sampling Details: N_A

AM substance	Cefepime				Cefotaxim				Cefotaxime + Clavulanic acid				Cefoxitin				Ceftazidim			
Cefotaxime synergy test	Positive/Present		Negative/Absent		Positive/Present		Negative/Absent		Positive/Present		Negative/Absent		Positive/Present		Negative/Absent		Positive/Present		Negative/Absent	
Ceftazidime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
ECOFF	0.125	0.125	0.125	0.125	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	8	8	8	8	0.5	0.5	0.5	0.5
Lowest limit	0.064	0.064	0.064	0.064	0.25	0.25	0.25	0.25	0.064	0.064	0.064	0.064	0.5	0.5	0.5	0.5	0.25	0.25	0.25	0.25
Highest limit	32	32	32	32	64	64	64	64	64	64	64	64	64	64	64	64	128	128	128	128
N of tested isolates	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
MIC / N of resistant isolates	74	74	74	74	96	96	96	96	46	46	46	46	47	47	47	47	93	93	93	93
<=0.015																				
<=0.03																				
0.03																				
<=0.064				1					41											
0.064																				
<=0.12																				
0.12				21					8	1										
<=0.25																	2			
0.25	8		2	17																
0.5	4			3								1					1			
1	4			1	1								1				4			
2	3				9			3			1	5	8				16	1		1
4	7			1	4		1	11			1	21	27	1			8			6
8	17	1			3		1	20				15	12				5	1		29
16	5				4			8				2					9			7
32					11			2					1			7	3		2	
>32		1																		
64					13										1	25				1
>64					3	2									1	12				

AM substance	Ceftazidime + Clavulanic acid				Ertapenem				Imipenem				Meropenem				Temocillin			
Cefotaxime synergy test	Positive/Present		Negative/Absent		Positive/Present		Negative/Absent		Positive/Present		Negative/Absent		Positive/Present		Negative/Absent		Positive/Present		Negative/Absent	
Ceftazidime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
ECOFF	0.5	0.5	0.5	0.5	0.064	0.064	0.064	0.064	0.5	0.5	0.5	0.5	0.125	0.125	0.125	0.125	32	32	32	32
Lowest limit	0.12	0.12	0.12	0.12	0.015	0.015	0.015	0.015	0.12	0.12	0.12	0.12	0.03	0.03	0.03	0.03	0.5	0.5	0.5	0.5
Highest limit	128	128	128	128	2	2	2	2	16	16	16	16	16	16	16	16	128	128	128	128
N of tested isolates	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
MIC / N of resistant isolates	46	46	46	46	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015					26	1		2												
<=0.03													46	2	2	42				
0.03					18	1	1	15												
<=0.064																				
0.064					3		1	26								2				
<=0.12	43								45	2	2	38								
0.12													2							
<=0.25																				
0.25	6	1			1			1	2			6								
0.5									1											
1																				
2				6													6			3
4			2	14													22	2		21
8				21													19		1	18
16				2													1		1	2
32				1																
>32																				
64																				
>64																				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail
Sampling Type: food sample - meat
Sampling Context: Monitoring
Sampler: Official sampling
Sampling Strategy: Objective sampling
Programme Code: ESBL MON
Analytical Method: Dilution - sensititre
Country of Origin: Slovakia

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	96	96	96	96	96	96	96	96	96	96	96	96	96	96
MIC	N of resistant isolates	96	0	96	93	5	95	0	15	0	93	55	57	0	44
<=0.015							1								
<=0.03										94					
0.064										1					
0.12							3			1					
<=0.25														78	49
0.25							8								
<=0.5					3				66						
0.5							8							15	3
<=1								96							
1				1	4		11		4					3	
<=2			55										35		
2				12	18		3		11						
<=4											1				
4			34	16	14		26		7				4		
>4				67											
<=8						91						31			
8			5		34		29		5		2				
>8					23		7								
16			2						2			6	1		
32						1					3	4			1
>32									1						43
64		5									4		11		
>64		91											45		
128						4					16	1			
>128											70				
>1024												54			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail
Sampling Type: food sample - meat
Sampling Context: Monitoring
Sampler: Official sampling
Sampling Strategy: Objective sampling
Programme Code: ESBL MON pnl2
Analytical Method: Dilution - sensititre
Country of Origin: Czech Republic

Sampling Details: N_A

	AM substance	Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Cefoxitin		Ceftazidim		Ceftazidime + Clavulanic acid		Ertapenem		Imipenem		Meropenem		Temocillin	
	Cefotaxime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
	Ceftazidime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
	ECOFF	**0.125**	**0.125**	**0.25**	**0.25**	**0.25**	**0.25**	**8**	**8**	**0.5**	**0.5**	**0.5**	**0.5**	**0.064**	**0.064**	**0.5**	**0.5**	**0.125**	**0.125**	**32**	**32**
	Lowest limit	**0.064**	**0.064**	**0.25**	**0.25**	**0.064**	**0.064**	**0.5**	**0.5**	**0.25**	**0.25**	**0.12**	**0.12**	**0.015**	**0.015**	**0.12**	**0.12**	**0.03**	**0.03**	**0.5**	**0.5**
	Highest limit	**32**	**32**	**64**	**64**	**64**	**64**	**64**	**64**	**128**	**128**	**128**	**128**	**2**	**2**	**16**	**16**	**16**	**16**	**128**	**128**
	N of tested isolates	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
MIC	**N of resistant isolates**	**4**	**4**	**6**	**6**	**3**	**3**	**3**	**3**	**6**	**6**	**3**	**3**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015														3							
<=0.03																		3	3		
<=0.064						3															
0.064															2						
<=0.12												3				3	3				
0.12			2																		
0.25		2	1												1						
0.5		1																			
4				2	2		2	3					2							3	3
8				1			1			1	3		1								
16										2											
64					1				3												

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail
Sampling Type: food sample - meat
Sampling Context: Monitoring
Sampler: Official sampling
Sampling Strategy: Objective sampling
Programme Code: ESBL MON
Analytical Method: Dilution - sensititre
Country of Origin: Czech Republic

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
MIC	N of resistant isolates	6	0	6	6	0	6	0	0	0	6	3	1	0	3
<=0.03										6					
<=0.25														4	2
<=0.5									6						
0.5														1	
<=1								6							
1														1	1
<=2			4										4		
2							2								
4			1	4			1						1		
>4				2											
<=8						6						3			
8			1		4		2								
>8					2		1								
>32															3
64		1													
>64		5											1		
>128											6				
>1024												3			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail | Sampling Type: food sample - meat | Sampling Context: Monitoring

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

Analytical Method: Dilution - sensititre

Country of Origin: Hungary

Sampling Details: N_A

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
	Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.064**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**128**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015								1			
<=0.03										1	
<=0.064				1							
<=0.12							1		1		
0.5						1					
1		1									
4					1						1
8			1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution - sensititre

Country of Origin: Hungary

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	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	1	0	0	1	0	0	0	1	1	1	0	1
<=0.03										1					
0.12							1								
<=0.5					1				1						
<=1								1							
1														1	
<=2			1												
>4				1											
<=8						1									
>32															1
64											1				
>64		1											1		
>1024												1			

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

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

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

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

Sampling Details: N_A

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	85	85	85	85	85	85	85	85	85	85	85	85	85	85
MIC	N of resistant isolates	56	0	0	0	5	74	0	1	0	67	32	40	0	27
<=0.015							10								
<=0.03										85					
0.064							1								
0.12							9								
<=0.25				85										64	52
0.25							12								
<=0.5					85				80						
0.5							10							16	5
<=1		4						85							
1							5		3					5	1
<=2			47										41		
2		12					2		1						
<=4											12				
4		11	25				21						4		
<=8						77						41			
8		2	10				13		1		5				
>8							2								
16			3			3					1	10	1		1
32											1	2	2		1
>32															25
64		1				3					2		8		
>64		55											29		
128											10				
>128						2					54				
1024												1			
>1024												31			

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

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

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

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

Sampling Details: N_A

AM substance		Cefepime			Cefotaxim			Cefotaxime + Clavulanic acid			Ceftiofur			Ceftazidim			Ceftazidime + Clavulanic acid			Ertapenem			Imipenem			Meropenem			Tmoci llin		
	Cefotaxime synergy test	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent	Positive/Present		Negative/Absent
	Ceftazidime synergy test	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent	Positive/Present	Positive/Present	Negative/Absent
	ECOFF	0.125	0.125	0.125	0.25	0.25	0.25	0.25	0.25	0.25	8	8	8	0.5	0.5	0.5	0.5	0.5	0.5	0.064	0.064	0.064	0.5	0.5	0.5	0.125	0.125	0.125	32	32	32
	Lowest limit	0.064	0.064	0.064	0.25	0.25	0.25	0.064	0.064	0.064	0.5	0.5	0.5	0.25	0.25	0.25	0.12	0.12	0.12	0.015	0.015	0.015	0.12	0.12	0.12	0.03	0.03	0.03	0.5	0.5	0.5
	Highest limit	32	32	32	64	64	64	64	64	64	64	64	64	128	128	128	128	128	128	2	2	2	16	16	16	16	16	16	128	128	128
	N of tested isolates	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
MIC	N of resistant isolates	84	84	84	105	105	105	48	48	48	47	47	47	102	102	102	46	46	46	0	0	0	0	0	0	0	0	0	0	0	0
<=0.015																				37		5									
<=0.03																										59	1	45			
0.03																				17	1	19									
<=0.064				3				50																							
0.064																				5		21									
<=0.12																	46						58	1	40						
0.12				18				7																							
0.25		9		21													11						1		4						
0.5		8	1	3				2						3			1		1						1						
1		3			2		2			2				7		1	1														
2		6			10		3		1	6	16			20		3			7									5		7
4		11			8		11			17	21			7		10		1	18									24		17
8		13			2	1	20			20	21			5		16			13									28	1	17
16		5			7		9				1	1	1	11		12			6									2		3
32		4			12								6	5	1	3														1
64					12								31																		
>64					6								7																		
>128														1																	

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

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

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

Analytical Method: Dilution - sensititre

Country of Origin: Slovakia

Sampling Details: N_A

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	0.5	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	105	105	105	105	105	105	105	105	105	105	105	105	105	105
MIC / N of resistant isolates	105	1	105	101	5	97	0	11	0	92	61	46	0	38
<=0.015						7								
<=0.03									104					
0.064						1			1					
0.12						7								
<=0.25													81	60
0.25						11								
<=0.5				4				80						
0.5			1			4							23	7
<=1							105							
1			3	8		11		4					1	
<=2		69										54		
2			13	23		10		10						
<=4										8				
4		22	20	16		18		5				4		
>4			68											
<=8					99						33			
8		11		22		26		2		5		1		
>8				32		10								
16		2			1			2			7			
32	1	1						2			4			
>32														38
64	6									5		8		
>64	98											38		
128					3					19				
>128					2					68				
>1024											61			

OTHER ANTIMICROBIAL RESISTANCE TABLES

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

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

European Food Safety Authority

Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	18-Jan-2018
Animal Population	07-Jul-2017
Disease Status	07-Jul-2017
Food Borne Outbreaks	07-Jul-2017
Prevalence	07-Jul-2017
Text Forms	05-Jul-2017