

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

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

IN 2022

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 during the year 2022.

The information covers the occurrence of these diseases and agents in animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and indicator bacteria as well as information on epidemiological investigations of foodborne outbreaks.

Complementary data on susceptible animal populations in the country is also given. The information given covers both zoonoses that are important for the public health in the whole European Union as well as zoonoses, which are relevant on the basis of the national epidemiological situation.

The report describes the monitoring systems in place and the prevention and control strategies applied in the country. For some zoonoses this monitoring is based on legal requirements laid down by the European Union legislation, while for the other zoonoses national approaches are applied.

The report presents the results of the examinations carried out in the reporting year. A national evaluation of the epidemiological situation, with special reference to trends and sources of zoonotic infections, is given. Whenever possible, the relevance of findings in foodstuffs and animals to zoonoses cases in humans is evaluated.

The information covered by this report is used in the annual European Union Summary Reports on zoonoses and antimicrobial resistance that are published each year by EFSA.

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

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

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ANIMAL POPULATION TABLES

Table Susceptible animal population

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DISEASE STATUS TABLES

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DISEASE STATUS TABLES

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PREVALENCE TABLES

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

when numbers referring to cases, hospitalized people and deaths are reported as unknown, they will be not included in the sum calculation

Causative agent	Food vehicle	Outbreak strenght		Strong				Weak			
		N outbreaks	N human cases	N		N outbreaks	N human cases	N			
				hospitalized	N deaths			hospitalized	N deaths		
Trichinella spiralis	Meat from pig - meat products	1	19	4	0						
Unknown	Other processed food products and prepared dishes					1	6	0	0		

Strong Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	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
Trichinella spiralis	Not Available	Not Available	Not Available	Not Available	BA-FBO-IZJZRS-2022-1	General	Meat from pig - meat products	Sausage (we don't have information if it was cooked or fresh)	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Unknown	Unknown	Unknown	Not Available	N_A	1	19	4	0

Weak Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	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
Unknown	Not Available	Not Available	Not Available	Not Available	BA-FBO-IZJZRS-2022-2	General	Other processed food products and prepared dishes	Suspect pasta with mushroom sauce, sausage and green salad	Descriptive epidemiological evidence	Canteen or workplace catering	Unknown	Unknown	Not Available	N_A	1	6	0	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

Table Antimicrobial susceptibility testing of in

Sampling Stage:

Sampling Type:

Sampling Context:

Sampler:

Sampling Strategy:

Programme Code:

Analytical Method:

Country Of Origin:

Sampling Details:

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ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of in

Sampling Stage:

Sampling Type:

Sampling Context:

Sampler:

Sampling Strategy:

Programme Code:

Analytical Method:

Country Of Origin:

Sampling Details:

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ANTIMICROBIAL RESISTANCE TABLES FOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of in

Sampling Stage:

Sampling Type:

Sampling Context:

Sampler:

Sampling Strategy:

Programme Code:

Analytical Method:

Country Of Origin:

Sampling Details:

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OTHER ANTIMICROBIAL RESISTANCE TABLES

Table Antimicrobial susceptibility testing of in

Sampling Stage:

Sampling Type:

Sampling Context:

Sampler:

Sampling Strategy:

Programme Code:

Analytical Method:

Country Of Origin:

Sampling Details:

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

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

Latest Transmission set

Table Name	Last submitted dataset transmission date
Food Borne Outbreaks	24-Jul-2023