

## Bosnia and Herzegovina

### 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 2019

## 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 Bosnia and Herzegovina during the year 2019.

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.

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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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## ANIMAL POPULATION TABLES

### Table Susceptible animal population

Animal species	Category of animals	Population
		animal
Cattle (bovine animals)	Cattle (bovine animals)	430,000
	Cattle (bovine animals) - dairy cows and heifers	275,000
Dogs	Dogs - pet animals	55,000
Gallus gallus (fowl)	Gallus gallus (fowl) - laying hens	5,446,000
Goats	Goats	72,000
Pigs	Pigs	543,000
Sheep	Sheep	1,130,000
	Sheep - animals over 1 year	573,000
Solipeds, domestic	Solipeds, domestic - horses	14,000

**DISEASE STATUS TABLES**

**DISEASE STATUS TABLES**

**PREVALENCE TABLES**

**Table Brucella:BRUCELLA in animal**

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - Farm - Not Available - Not Available - Monitoring - Official sampling - Other	N.A	Not Available	animal	123000	112	Brucella abortus	112

## **FOODBORNE OUTBREAKS TABLES**

### **Foodborne Outbreaks: summarized data**

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

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



## **Strong Foodborne Outbreaks: detailed data**

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

## **Weak Foodborne Outbreaks: detailed data**

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

**ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER**

**ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA**

**ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI**

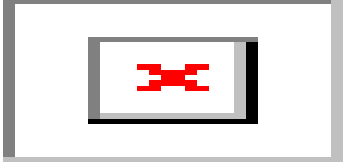
**OTHER ANTIMICROBIAL RESISTANCE TABLES**

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

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

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





## Latest Transmission set

<b>Table Name</b>	<b>Last submitted dataset transmission date</b>
Animal Population	02-Sep-2020
Prevalence	02-Sep-2020