

About this dossier

Output on: 2021/02/01 16:33
(Europe/Luxembourg)

Status: closed (submitted)

Created: 2020/03/16 09:43

Last updated: 2020/05/20 13:25

Eradication: Final report for Salmonella 2019

For each approved annual or multi-annual programme Member States shall submit to the Commission by the 30 April each year an annual detailed technical and financial report covering the previous year. That report shall include the results achieved and a detailed account of eligible costs incurred (Art 14 of Regulation (EU) No 652/2014).

This form is for information only, no submission possible.

ID: 20200316-OY1E8XKE

Country code: CZ

Reporting period

From: 2019

To: 2019

Year of implementation: 2019

1. Technical implementation of the programme

1.1 Description and evaluation of the evolution of the epidemiological situation, the technical implementation of the activities foreseen under the programme and the cost-effectiveness of the programme.

The National Salmonella Control Programmes in poultry are implemented throughout the Czech Republic in accordance with EU legislation. The competent authority responsible for the programmes is the State Veterinary Administration of the Czech Republic. FBO sampling is undertaken by trained operators or private veterinarians. Official veterinarians take official samples. All samples are tested only in laboratories of the State Veterinary Institutes under the supervision of the State Veterinary Administration. The external agencies or laboratories are not involved in the programme.

The programme in laying hens has been in operation since 1 January 2007.

The programme in breeding flocks of Gallus gallus has been in operation since 1 January 2007.

The programme in broilers has been in operation since 1 January 2009.

The programme in flocks of fattening turkeys has been in operation since 1 January 2010.

We confirm that frequency and status of sampling in programmes are in accordance with sampling requirements laid down in Regulation (EC) No 2160/2003 of the European Parliament and of the Council and specified by Commission Regulation (EU) No 517/2011, Commission Regulation (EU) No 200/2010, Commission Regulation (EU) No 200/2012, Commission Regulation (EU) No 1190/2012.

The official veterinary supervision of poultry farms and official sampling is carried out only by official veterinarians at the level of the Regional Veterinary Administration. In relation to biosecurity standards on poultry farms, the competent authority carries out official checks in accordance with the multi-annual national control plan based on risk assessment.

The vaccination of laying hens is mandatory in the Czech Republic. In accordance with Veterinary Act No 166/1999 coll. as amended the farm animal keeper who keeps animals for commercial purposes shall keep records of vaccination a minimum of five years.

Epidemiological situation in 2019:

The prevalence of positive breeding flocks of *Gallus gallus* for targeted serotypes (*S. Enteritidis*, *S. Typhimurium* - including monophasic strains with the antigenic formula 1,4,[5],12:i:-, *S. Infantis*, *S. Virchow* and *S. Hadar*) was 0,00% at the end of 2019. No breeding flock in production period was positive for targeted serotypes. There was 1 breeding flock for meat production line positive for *S. Montevideo* and 6 breeding flocks for egg production line were positive for *S. Agona*.

The prevalence of positive laying hen flocks for *S. Enteritidis* and *S. Typhimurium* (including monophasic strains with the antigenic formula 1,4,[5],12:i:-) was 1,79% at the end of 2019. In total 9 adult flocks of laying hens in production period were positive for *S. Enteritidis* of which 8 were depopulated. The eggs produced by a flock that had not been culled underwent heat treatment. Compensation for farmers of 5 positive flocks has been completed and is included in reimbursement claim for 2019. Compensation related to other 3 positive flocks depopulated in 2019 has not been completed yet and only advanced payments have been made so far. The advanced payment covers the cost of depopulated birds and therefore is included in our reimbursement claim for 2019.

For clarification of compensation in 2019 see the attached document: "CZ SCP Final Report 2019 Compensation".

The prevalence of positive broiler flocks for *S. Enteritidis* and *S. Typhimurium* (including monophasic strains with the antigenic formula 1,4,[5],12:i:-) was 1,57% at the end of 2019. In total 71 flocks were positive for *S. Enteritidis*, 3 flocks were positive for *S. Typhimurium* and 1 flock for *S. Typhimurium* - monophasic strain. In addition 25 flocks were positive for other serotypes of *Salmonella* spp.

There is currently no holding with breeding turkeys in the Czech Republic. The last remaining holding with breeding turkeys closed down in 2014. This is the reason why no flock of breeding turkeys was sampled in 2019.

The prevalence of fattening turkey flocks positive for *S. Enteritidis* and *S. Typhimurium* (including monophasic strains with the antigenic formula 1,4,[5],12:i:-) was 0,77% at the end of 2019. One flock was positive for *S. Enteritidis*, one flock was positive for *S. Typhimurium* and 7 flocks were positive for other serotypes of *Salmonella* spp.

Official sampling and official visit:

Breeding flocks: Union target (prevalence < 1%) was met in 2013, therefore official sampling was carried out every 3 weeks during laying period.

Laying hens: Official sampling in flock of laying hens was performed in compliance with Commission Regulation (EU) No 517/2011. Within the framework of the national control programme 3 samples of naturally pooled faeces were taken and separately tested as two individual samples. Official visits were conducted not only for the purpose of taking official faeces samples but also for the collection of official samples of feed or swabs for testing disinfection efficacy.

Broilers and fattening turkeys: Official sampling was carried out in compliance with Commission Regulation (EU) No 200/2012 and Commission Regulation (EU) No 1190/2012.

For clarification of official visits and official sampling in 2019 see the attached document: "CZ SCP 2019 official sampling and visit"

1.2 Details on the level of achievement of the targets set in the approved programme and technical difficulties.

Breeding flocks:

The flock prevalence Union target has been reached ever since the target was met in 2013. The prevalence of positive adult breeding flocks for targeted serotypes at the end of 2019 was 0,00%. In total 690 flocks in the production period were tested for *Salmonella* spp. between 1 January and 31 December 2019. No flock was positive for *Salmonella* targeted serotypes. There was 1 breeding flock for meat production line positive for *S. Montevideo* (0,14%) and 6 breeding flocks for egg production line were positive for *S. Agona* (0,87%).

Laying hens:

The flock prevalence Union target has been reached ever since the target was met in 2012. The prevalence of positive laying hen flocks producing table eggs was 1,79% for targeted serotypes in 2019. In total, there were 504 flocks in production period tested for Salmonella spp. between 1 January and 31 December 2019. The only serotype isolated from flocks of laying hens was S. Enteritidis. In total, there were 9 flocks positive.

Broilers

The prevalence of broilers flocks positive for targeted serotypes was 1,57% in 2019. That represents a slight decrease compared with 1,68% prevalence recorded in 2018. However, the prevalence Union target was not met. In total 4782 flocks in production period were tested for Salmonella spp. between 1 January and 31 December 2019. There were 71 flocks positive for S. Enteritidis (1,48%), 3 flocks were positive for Salmonella Typhimurium (0,06%), 1 flock was positive for S. Typhimurium monophasic strain (0,02%) and further 25 flocks were positive for other Salmonella serotypes (0,52%).

Fattening turkeys:

The prevalence of fattening turkeys flocks positive for targeted serotypes was 0,77% in 2019. Since annual prevalence has fallen from 1,18% to 0,77% the Union target was reached last year. In total 261 flocks were tested for Salmonella spp. between 1 January and 31 December 2019. There was 1 flock positive for S. Enteritidis (0,38%) and 1 flock for S. Typhimurium (0,38%). There were 7 flocks positive for other Salmonella serotypes (2,68%).

For further salmonella prevalence evolution in 2010 - 2019 see the attached document: "CZ SCP 2010-2019"

1.3 Epidemiological maps for infection and other relevant data on the disease/activities (information on serotypes involved,...) (Please attach files of data using the PDF attachment feature) Use the textbox below to provide clarifications for the maps you attach, if needed.

Breeding flocks:

In total, 561 adult breeding flocks were tested within the framework of official sampling. None of them was positive for targeted Salmonella serotypes. In total, 624 adult breeding flocks were tested within the framework of FBO sampling, none of them was positive for targeted serotypes. There was 1 breeding flock for meat production line positive for S. Montevideo (within the framework of official sampling) and 6 breeding flocks for egg production line were positive for S. Agona (1 flock was positive within the framework of official sampling and 5 flocks within the framework of FBO sampling) .

Laying hens:

In total, 85 flocks of laying hens in production period were sampled by competent authority, 3 flocks were positive for S. Enteritidis. In total, 486 adult flocks were tested within the framework of FBO sampling, of which 6 flocks were positive for S. Enteritidis.

Broilers:

In total, 44 flocks were sampled by competent authority, of which 4 flocks were positive for S. Enteritidis and 1 flock was positive for S. Typhimurium, further 5 flocks were positive for other serotypes. Within the framework of FBO sampling, there were 4739 flocks tested. There were 67 flocks positive for S. Enteritidis, 2 flocks were positive for S. Typhimurium and 1 flock for S. Typhimurium monophasic strain, further 20 flocks were positive for other Salmonella serotypes.

Fattening turkeys:

In total, 16 flocks were sampled by competent authority. No flock was positive for targeted serotypes. There was 1 flock positive for S. Kentucky. There were 250 flocks tested within the framework of FBO sampling, 1 flock was positive for S. Enteritidis, 1 flock was positive for S. Typhimurium and further 6 flocks were positive for other serotypes.

For more information about sampling and serotypes in 2019 see the attached document: "CZ SCP 2019 official+FBO+sampling+serotypes"

2. Tables for Salmonella monitoring outcome of the year

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12).

	Number of adults flocks checked	Number of these flocks infected by a target serovar	Incidence

Breeding flocks of Gallus gallus	690	0	0 %
Laying hen flocks	504	9	1.79 %
Broiler flocks	4,782	75	1.57 %
Breeding flocks of turkeys	0	0	%
Fattening flocks of turkeys	261	2	0.77 %

Table A - BREEDING FLOCKS OF GALLUS GALLUS

No of flocks with more than 250 adult breeders of Gallus gallus	690
No of flocks covered by the programme - Rearing flocks	604
No of flocks covered by the programme - Adults	690
No of flocks checked by the Competent Authorities - Rearing flocks	0
No of flocks checked by the Competent Authorities - Adults	561
No of flocks checked by the FBO - Rearing flocks	604
No of flocks checked by the FBO - Adults	624
No of official visits to take samples - Routine (holding)	739
No of official visits to take samples - Routine (hatchery)	0
No of official visits to take samples - Confirmatory sampling	0
No of official visits to take samples - Efficacy of disinfection	0
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks - Rearing flocks	0
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks - Adults	0
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks depopulated - Rearing flocks	0
Positive flocks (SE,ST,SH,SI,SV) - No of positive flocks depopulated - Adults	0
Positive flocks (SE,ST,SH,SI,SV) - No of birds concerned - Rearing flocks	0
Positive flocks (SE,ST,SH,SI,SV) - No of birds concerned - Adults	0
Positive flocks (SE,ST,SH,SI,SV) - No of eggs - Heat treated	0
Positive flocks (SE,ST,SH,SI,SV) - No of eggs - Destroyed	0

Table B - FLOCKS OF LAYING HENS

No of holdings with more than 1,000 adult laying hens	71
No of flocks in these holdings - Rearing flocks	145
No of flocks in these holdings - Adults	490
No of holdings covered by the programme	100
No of flocks in these holdings - Rearing flocks	147
No of flocks in these holdings - Adults	504
Official checks - No of holdings with adult flocks checked	71
Official checks - No of adult flocks checked in these holdings	85
Official checks - No of pullet flocks checked in these holdings	0
FBO checks - No of holdings checked	100
FBO checks - No of adult flocks checked in these holdings	486
FBO checks - No of pullet flocks checked in these holdings	147
No of official visits to take samples - Routine	70
No of official visits to take samples - Confirmatory sampling	14
No of official visits to take samples - Specific samples	11
No of official visits to take samples - Competent authority samples	6
No of official visits to take samples - Efficacy of disinfection	7
Positive flocks (SE,ST) - No of positive flocks - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks - Adults	9
Positive flocks (SE,ST) - No of positive flocks depopulated - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks depopulated - Adults	8
Positive flocks (SE,ST) - No of birds concerned - Rearing flocks	0
Positive flocks (SE,ST) - No of birds concerned - Adults	260,899

Positive flocks (SE,ST) - No of eggs - Destroyed	0
--	---

Table C - BROILER FLOCKS

No of holdings with more than 5,000 broilers	259
No of flocks produced in these holdings	4,622
No of holdings covered by the programme	279
No of flocks produced in these holdings	4,782
No of flocks checked (official checks)	44
No of flocks checked (FBO checks)	4,739
No of official visits to take samples - Routine	56
No of official visits to take samples - Efficacy of disinfection	26
No of positive flocks (SE,ST)	75

Table D - BREEDING FLOCKS OF TURKEY

No of flocks with more than 250 adult breeding turkeys	0
No of flocks with elite, great grand parent, grand parents	0
No of flocks covered by the programme - Rearing flocks	0
No of flocks covered by the programme - Adults	0
No of flocks checked by the Competent Authorities - Rearing flocks	0
No of flocks checked by the Competent Authorities - Adults	0
No of flocks checked by the FBO - Rearing flocks	0
No of flocks checked by the FBO - Adults	0
No of official visits to take samples - Routine (holding)	0
No of official visits to take samples - Routine (hatchery)	0
No of official visits to take samples - Confirmatory sampling	0
No of official visits to take samples - Efficacy of disinfection	0
Positive flocks (SE,ST) - No of positive flocks - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks - Adults	0
Positive flocks (SE,ST) - No of positive flocks depopulated - Rearing flocks	0
Positive flocks (SE,ST) - No of positive flocks depopulated - Adults	0
Positive flocks (SE,ST) - No of birds concerned - Rearing flocks	0
Positive flocks (SE,ST) - No of birds concerned - Adults	0
Positive flocks (SE,ST) - No of eggs - Heat treated	0
Positive flocks (SE,ST) - No of eggs - Destroyed	0

Table E - FLOCKS OF FATTENING TURKEYS

No of holdings with more than 500 fattening turkeys	47
No of flocks produced in these holdings	260
No of holdings covered by the programme	48
No of flocks produced in these holdings	261
No of flocks checked (official checks)	16
No of flocks checked (FBO checks)	250
No of official visits to take samples - Routine	16
No of official visits to take samples - Efficacy of disinfection	0
No of positive flocks (SE,ST)	2

Table F - LABORATORY TESTS

Laboratory tests on official samples	Nb of tests					
	Breeding flocks	Laying flocks	Broiler flocks	Breeding turkey flocks	Fattening turkey flocks	TOTAL
Microbiological tests	1,478	290	56	0	19	1,843

Serotyping tests	4	17	10	0	2	33
Disinfection efficacy tests	0	7	26	0	0	33
Antimicrobial detection tests	0	2	0	0	0	2

Table G - VACCINATION

	No of flocks in the vaccination programme	No of flocks vaccinated	No of birds vaccinated	No of doses administered
Breeders	0	0	0	0
Layers	118	118	4,956,813	16,683,511
Breeding turkeys	0	0	0	0
	118	118	4,956,813	16,683,511

COMMENT / ADDITIONAL CLARIFICATION

1.9.1 SANTE Data Collection Platform - PRODUCTION • Contact us at SANTE-XMLGATE3@ec.europa.eu