

Eradication: Final report for Salmonella 2018

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: 20190405-CT68TUWJ

Country code: BE

Reporting period

From: 2014

To: 2019

Year of implementation: 2018

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.

In 2018, 6 flocks were positive for non-targeted Salmonella in rearing breeders. In adult breeders, 8 flocks were positive for targeted serotypes : 1 positive for *S. Typhimurium* and 7 positive for *S. Infantis*. 11 flocks were positive for non-targeted Salmonella. Between 2012 and 2016, the prevalence on targeted serotypes in adult breeding flocks has been around 0,35% except for 2014 where the prevalence was 1%. In 2017 the prevalence of targeted serotypes has reached 1,8%. In 2018, the prevalence has decreased slightly to 1,42%.

In rearing layers, no flocks were found positive for Salmonella. In adult layers, 7 flocks were positive for *S. Enteritidis* and 1 flock was positive for *S. Typhimurium*. 20 flocks were positive for non-targeted Salmonella out of which 15 were *S. Infantis*. In adult layer flocks, the prevalence has been just below 2% in previous years where in 2014, the prevalence was just above the target due to one holding that had two rounds of *S. Enteritidis* positive flocks. In 2015, the same holding still housed 3 positive flocks from 2014 but the prevalence decreased to 1,3%. In 2016, 2. *Enteritidis* positive flocks were detected. The holding that had multiple positive flocks in 2014 and 2015 was Salmonella free in 2016. In 2017, 7 Salmonella *Enteritidis* positive flocks were detected increasing the prevalence to 1%. In 2018, the prevalence has remained at 1,08%.

As in previous years, the prevalence of *S. Enteritidis* and *S. Typhimurium* in broilers in 2018 was low (0,22%). However, also as in previous years, different other serotypes circulated with a prevalence of

2,98% for all serotypes. The S. Infantis serotype represented 1,2% of the positive Salmonella flocks. In meat turkeys, 7 flocks were positive for S. Typhimurium in 2018, increasing the prevalence to 3,45%. In 2018, the prevalence of Salmonella targeted serotypes in breeding poultry and in meat turkeys was higher than the target of 1% fixed by the Regulation (EU) No 200/2010 and the Regulation (EU) 1190/2012. In breeding hens, this target has also been exceeded in 2017. In meat turkeys, the target had not been exceeded anymore since 2015.

Despite the high numbers of flocks infected by a targeted serotype, especially in breeders and meat turkeys, the expenses were as estimated for 2018 .

When taking into account the human cases, an increase is seen in the total number of the different reported serotypes principally due to an increase in S. Enteritidis and S. Typhimurium reported human cases. More results are given in annex IV - Human Salmonellosis 2011-2018.

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

In 2018, the target was not achieved for breeding poultry even if the prevalence has slightly decreased in comparison to 2017. One holding had 3 different flocks positive for S. infantis during July and Augustus 2018. The concerned animals were culled and the farm has not kept any poultry after that.

In meat turkeys, the target of 1% has also been exceeded. The concerned flocks have been submitted to a logistical slaughtering and the poultry houses have been cleaned and disinfected. Hygienogram and control swabs for Salmonella testing were performed. No turkeys have been replaced in the poultry houses concerned until swabs were negative for Salmonella and the result of hygienogram was satisfying.

In other categories, the targets were achieved. More details of the results 2018 can be found in annex III- Salmonella poultry 2018, of this report.

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.

See annex V-Epidemiological map. This map shows only targeted serotypes in all poultry categories combined.

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	562	8	1.42 %
Laying hen flocks	739	8	1.08 %
Broiler flocks	10,752	24	0.22 %
Breeding flocks of turkeys	0	0	%
Fattening flocks of turkeys	203	7	3.45 %

Table A - BREEDING FLOCKS OF GALLUS GALLUS

No of flocks with more than 250 adult breeders of Gallus gallus	562
No of flocks covered by the programme - Rearing flocks	359
No of flocks covered by the programme - Adults	562
No of flocks checked by the Competent Authorities - Rearing flocks	280
No of flocks checked by the Competent Authorities - Adults	545
No of flocks checked by the FBO - Rearing flocks	275
No of flocks checked by the FBO - Adults	560
No of official visits to take samples - Routine (holding)	1,031
No of official visits to take samples - Routine (hatchery)	0
No of official visits to take samples - Confirmatory sampling	8
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	8
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	7
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	60,781
Positive flocks (SE,ST,SH,SI,SV) - No of eggs - Heat treated	154,729
Positive flocks (SE,ST,SH,SI,SV) - No of eggs - Destroyed	383,850

Table B - FLOCKS OF LAYING HENS

No of holdings with more than 1,000 adult laying hens	310
No of flocks in these holdings - Rearing flocks	0
No of flocks in these holdings - Adults	739
No of holdings covered by the programme	407
No of holdings covered by the programme - Rearing flocks	354
No of holdings covered by the programme - Adults	739
Official checks - No of holdings with adult flocks checked	245
Official checks - No of adult flocks checked in these holdings	253
Official checks - No of pullet flocks checked in these holdings	0
FBO checks - No of holdings checked	334
FBO checks - No of adult flocks checked in these holdings	723
FBO checks - No of pullet flocks checked in these holdings	354
No of official visits to take samples - Routine	245
No of official visits to take samples - Confirmatory sampling	7
No of official visits to take samples - Specific samples	5
No of official visits to take samples - Competent authority samples	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	8
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	152,974
Positive flocks (SE,ST) - No of eggs - Destroyed	0

Table C - BROILER FLOCKS

No of holdings with more than 5,000 broilers	776
No of flocks produced in these holdings	9,700
No of holdings covered by the programme	860
No of flocks produced in these holdings	10,752
No of flocks checked (official checks)	77
No of flocks checked (FBO checks)	10,749
No of official visits to take samples - Routine	77
No of official visits to take samples - Efficacy of disinfection	0
No of positive flocks (SE,ST)	24

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	27
No of flocks produced in these holdings	176
No of holdings covered by the programme	31
No of flocks produced in these holdings	203
No of flocks checked (official checks)	4
No of flocks checked (FBO checks)	202
No of official visits to take samples - Routine	4
No of official visits to take samples - Efficacy of disinfection	0
No of positive flocks (SE,ST)	7

Table F - LABORATORY TESTS

Laboratory tests on official samples	Nb of tests					TOTAL
	Breeding flocks	Laying flocks	Broiler flocks	Breeding turkey flocks	Fattening turkey flocks	
Microbiological tests	2,062	520	0	0	0	2,582
Serotyping tests	13	12	0	0	0	25
Disinfection efficacy tests	0	0	0	0	0	0
Antimicrobial detection tests	14	28	0	0	0	42

Table G - VACCINATION

	No of flocks in the vaccination programme	No of flocks vaccinated	No of birds vaccinated	No of doses administered
Breeders	359	304	4,558,526	9,366,000
Layers	354	323	7,813,733	17,727,083
Breeding turkeys	0	0	0	0
	713	627	12,372,259	27,093,083

COMMENT / ADDITIONAL CLARIFICATION