

Eradication: Final report for Transmissible Spongiform Encephalopathies 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).

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Country code: FI

Reporting period

From: 2018

To: 2018

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.

BSE
So far, only one BSE case has been recorded in Finland. That case was recorded in 2001, in a cow born in Finland in 1995.

OIE has officially recognized Finland's BSE status as category 1, negligible BSE risk.

Scrapie

In total, three outbreaks of classical scrapie and 14 outbreaks of atypical scrapie have been confirmed in Finland as follows:

2002: one outbreak of classical scrapie (two holdings, four cases in goats)

2004: one outbreak of atypical scrapie (one holding, one case in sheep)

2005: two outbreaks of classical scrapie (three holdings, four cases in goats)

one outbreak of atypical scrapie (one holding, one case in sheep)

2006: two outbreaks of atypical scrapie (two holdings, two cases in sheep)

2007: one outbreak of atypical scrapie (one holding, one case in sheep)

2008: no outbreaks of scrapie

2009: one outbreak of atypical scrapie (one holding, one case in a goat)

2010: three outbreaks of atypical scrapie in sheep (three different holdings)

2011: no outbreaks of scrapie
 2012: one outbreak of atypical scrapie (one holding, one case in sheep)
 2013: one outbreak of atypical scrapie (one holding, one case in sheep)
 2014: one outbreak of atypical scrapie (one holding, one case in sheep)
 2015: no outbreaks of scrapie
 2016: two outbreaks of atypical scrapie (two holdings, one case in sheep in both holding)
 2017: no outbreaks of scrapie

2018: two outbreaks of atypical scrapie (two holdings, one case in sheep in both holding)

In all outbreaks of classical scrapie, all sheep and goats on the infected farms have been destroyed. Contact farms have been traced and animals at risk have been destroyed.

In the outbreaks of atypical scrapie, all sheep and goats on the infected farms have been destroyed in the outbreaks in 2004, 2005, the first outbreak in 2006 and the outbreak in 2007. In the remaining outbreaks (2006, 2009, 2010, 2012, 2013, 2014, 2016 and 2018) the remaining animals on the holding have not been killed but been subject to intensified testing as laid down in Regulation 999/2001.

The Commission approved the national scrapie programme of Finland in 2004 by Regulation 1874/2003, which was later replaced first by Regulation 546/2006 and then by the provisions in Annex VIII to Regulation 999/2001. According to that programme, all dead-on-farm sheep and goats above 18 months of age in the cadaver collection area must be tested for TSE.

Finland was recognised as a Member State with a negligible risk for classical scrapie by Commission Regulation (EU) 2016/1396.

The monitoring of CWD covers sampling and testing of target groups defined in Annex III, Chapter A, part III, points 2.3 and 2.4 in 100 PSUs for wild and semi-domesticated cervids. These 100 PSUs will include 54 PSUs for reindeer and 46 PSUs for other cervids. According to the latest information, all the farmed cervids in Finland are fallow deer (*Dama dama*) which is not listed in the Annex III of Regulation 999/2001. Thus there are only 14 holdings (PSUs) for farmed and captive cervids in Finland. The monitoring is carried out using rapid tests (ELISA) for screening. Inconclusive and positive cases are submitted for confirmatory examination (Western blot -test).

2018: one TSE positive moose (*Alces alces*)

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

No BSE or classical scrapie cases were detected in 2018 in Finland. Two outbreaks of atypical scrapie were detected in two holdings, one case in sheep in both holding. The number of rapid tests carried out in cattle (11300) was slightly less than the estimated amount (12000). The monitoring carried out in the National Reference Laboratory (Evira) did not reveal any discrepancies between expected and received number of samples. Similarly, the actual number of tested samples in sheep and goats was closed to what was expected, which is higher than the minimal requirements of Regulation 999/2001, because of the national scrapie control program which requires all ovine and caprine animals over 18 months of age not slaughtered for human consumption in the cadaver collection area to be tested for TSE.

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.

The programme covers the whole area of Finland.

2. Tables for TSE 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).

NB: the Regulation (EC) No 999/2001 is thereafter quoted as the TSE Regulation.

Table A

	Total positive cases detected during the implementing period		
	Classical cases	Atypical cases	Unknown
TSE	0	0	0
Scrapie (ovine animals)	0	2	0
Scrapie (caprine animals)	0	0	0

Table B

RAPID TESTS ON BOVINE ANIMALS		
	Age limit applied (in months)	Number of tests cases
Risk bovine animals from MSs listed in Annex to Decision 2009/719/EC	48	11,300

Risk bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	24	0
Healthy slaughtered bovine animals from MSs listed in Annex to Decision 2009/719/EC	48	0
Healthy slaughtered bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	30	0
Suspect animals and confirmatory tests		0
Total		11,300

Table C

Population of ewes and ewe lambs put to the ram in the Member State

	75500
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RAPID TESTS ON OVINE ANIMALS	
	Number of tests
Healthy slaughtered ovine animals	0
Dead ovine animals	1,487
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Ovine animals from holdings affected by classical scrapie	0
Ovine animals from holdings affected by atypical scrapie	97
Ovine animals from holdings affected by BSE	0
Suspect animals	0
Total number of tests	1,584

Table D

Population of goats which have already kidded and goats mated in the Member State

	5400
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RAPID TESTS ON CAPRINE ANIMALS	
	Number of tests
Healthy slaughtered caprine animals	0
Dead caprine animals	281
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Caprine animals from holdings affected by classical scrapie	0
Caprine animals from holdings affected by atypical scrapie	0
Caprine animals from holdings affected by BSE	0
Suspect animals	0
Total number of tests	281

Table E

Confirmatory and discriminatory tests	
	Number of tests
Confirmatory tests other than rapid tests on bovine animals	0
Confirmatory tests on ovine and caprine animals	0
Discriminatory tests on bovine animals	0
Discriminatory tests on ovine and caprine animals	0
Total number of confirmatory tests	0
Total number of discriminatory tests	0

Table F

Genotyping tests	
	Number of tests
Positive TSE case	0
Randomly selected ovine animals	0
Animals in scrapie infected flocks	0

Breeding programme - ewes	0
Breeding programme - rams	0
Total of number of tests	0

Table G

COMPENSATION FOR ANIMALS In the context of suspicion, control and eradication of TSEs	
Animals culled and destroyed	Number of animals compensated
Bovine animals	0
Ovine animals	0
Caprine animals	0
Animals slaughtered	Number of animals compensated
Ovine animals	0
Caprine animals	0
Total Bovine	0
Total Ovine + Caprine	0

COMMENT / ADDITIONAL CLARIFICATION

No additional clarifications nor comments.