

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).

This form is for information only, no submission possible.

ID: 20190423-FQNCUISV

Country code: EE

Reporting period

From: 2018

To: 2020

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 2011 we applied a new testing regime for BSE monitoring, approved by the Commission Implementing Decision 2011/358/EU of 17 June 2011, amending Decision 2009/719/EC authorizing certain Member States to revise their annual BSE monitoring programs.

Since the 1st of July 2011 we tested all bovine animals above 72 months of age subject to normal slaughter for human consumption and all bovine animals above 48 months of age subject to emergency slaughter or with observations at ante mortem inspection or which have died.

Since the 1st of March 2013 Estonia stopped BSE testing of healthy slaughtered bovine animals (according to the Commission Decision 2013/76/EU).

During 2018, we tested in total 3604 bovine animals for BSE, all tests were negative. During 2018, we tested in total 264 ovine and caprine animals and all results were negative. Data have been reported through the electronic system database too (EFSA data submission tool). During 2018 we tested 6 brain samples of minks to TSEs from the state budget, all results were negative. Veterinary and Food Laboratory used the immunohistochemical method for the mink brain samples.

General data about testing to CWD during 2018 in Estonia: we tested in total 128 roe deers; 84 mooses and 5 red deers (217 samples of cervids in total). All results were negative.

Estonian TSE programme in 2018 did not included the random genotyping of sheep. (During 2018 Estonia

did not conducted the random genotyping according to the Commission Regulation (EU) 2017/894 of 24 May 2017 amending Annexes III and VII to Regulation (EC) No. 999/2001 of the European Parliament and of the Council as regards the genotyping of ovine animals.)

Sheep breeders approved their sheep breeding programmes by the Veterinary and Food Board and genotyped ovine animals related with the breeding programmes and with the trade and eksport activities. Those samplings were paid by the owners. There are two sheep breeds forming significant populations – Estonian Whitehead and Estonian Blackhead. The aim of the applied breeding programme is to increase the frequency of the ARR allele within the sheep flock and reduce the prevalence of alleles, being shown to contribute to susceptibility to TSEs. The number of animals by breeds which took part in the breeding programmes in 2018: Dorper breed: 945 animals, 14 were genotyped; Estonian Whitehead: 2830 animals, 175 were genotyped; Estonian Blackhead: 1857 animals; 52 were genotyped.

The total cost of the TSE programme 2018.a for the state budget is 102 380,85 EUR (without VAT).

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

The total cost of the TSE programme 2018.a for the state budget is 102 380,85 EUR (without VAT).

TSE programme includes:

- 1) 4085 (total number of rapid tests) X 21,17 EUR (unit cost)= 86 479,45 EUR (without VAT).
- 2) Sampling of the obex by the contractual sample takers and the authorised veterinarians (11 243,32 EUR) and transport service (1887,10 EUR) together = 13130,42 EUR (without VAT).
- 3) For the CWD surveillance, the total cost paid for the hunters for the collection of the brain samples of cervids: 204 samples x 10 EUR per sample= 2040 EUR (without VAT).
- 4) Confirmatory test (IHC) for the minks samples: 6 samples x 121,83 EUR = 730,98 EUR.

During 2018, we tested in total 253 ovine and 11 caprine animals not slaughtered for human consumption and all results were negative. We do not achieved the number of 500 dead ovine animals tested, as we had difficulties with notifications from sheep owners.

The adult caprine animals population is small (3771 goats), so we do not achieved the number of 100 dead caprine animals tested.

CWD surveillance was organised mainly by involving of the hunters; by contracts with trained hunters. CWD programme focused on the risk group of animals and this was a reason why was not easy to reach targets and collect appropriate number of samples (1000 samples per year).

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.

TSE programme is covering the whole territory of Estonia. Please find attached map of Estonia by counties. Geographical dividing of the country for the counties was chosen for the PSU-s for the CWD surveillance (1 county = 1 PSU).

TSE contingency plan (updated November 2015) is available at the Veterinary and Food Board Internet page:

<http://www.vet.agri.ee/?op=body&id=1150>

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	0	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	3,604
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	34	0
Suspect animals and confirmatory tests		0
Total		3,604

Table C

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

	52873
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RAPID TESTS ON OVINE ANIMALS	
	Number of tests
Healthy slaughtered ovine animals	0
Dead ovine animals	253
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	0
Ovine animals from holdings affected by BSE	0
Suspect animals	0
Total number of tests	253

Table D

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

	3771
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RAPID TESTS ON CAPRINE ANIMALS	
	Number of tests
Healthy slaughtered caprine animals	0
Dead caprine animals	11
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	11

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

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