

## 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: 20190422-5TR4XY86

**Country code:** CY

### 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.**

Scrapie was first diagnosed in Cyprus in 1985 in sheep and in 1986 in goats.

During 2018, 201 (108 mixed flocks, 63 with goats, 30 with sheep) infected flocks out of 2848 (7.06%) were active.

Fallen stock and healthy slaughtered animals of infected flocks over 18 months of age, are examined by rapid test with the exception of ARR/ARR. In addition, fallen stock of non-infected flocks over 18 months of age, are examined with the exception of ARR/ARR. Furthermore, fallen stock and slaughtered animals are sampled according to article 12 of Reg. (EC) 999/2001.

Since 2012, 97,399 of the healthy slaughtered category and fallen stock animals, have been tested with rapid test. Out of those 97,399 samples, 2246 were found positive and 95,153 negative. In addition, 4,226 goats and 0 sheep were confiscated as TSE suspect cases. 3,393 of those were found positive, 802 negative and 31 were inconclusive. One atypical case has been found in 2015 and one in 2018.

The bovine holdings in Cyprus are currently 364 and the animal population counts 69132 animals. Brain samples for BSE testing are taken from fallen stock over the 48 months of age, emergency slaughtered animals over 48 months of age and bovines exhibiting clinical signs of neurological disease. Since 1st

January 2015, Cyprus is not testing any bovine animal slaughtered for human consumption. A small number of slaughtered animals are tested under the OIE recommendations. During the years 2001 to 2018, more than 87,000 animals have been examined by rapid test, all with negative results.

BSE has never been diagnosed in Cyprus so far.

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

The decreasing number of positive samples in sheep is attributed to the breeding program which started in 2004 and significantly improved the resistance to scrapie in sheep. Around 99% of sheep have nowadays at least one resistant allele in their genotype. Regarding goats, a genotyping program has started in 2009 and around 60% of goats have at least one resistant allele in their genotype.

## 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.

Please find attached a map of Cyprus with all the infected holdings. The TSE monitoring and control programme applies over the entire area of the Republic of Cyprus, which is under the effective control of the Government of Cyprus.

## 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)	4	0	0
Scrapie (caprine animals)	380	1	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	1,450
Risk bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	0	0
Healthy slaughtered bovine animals from MSs listed in Annex to Decision 2009/719/EC	0	0
Healthy slaughtered bovine animals from MSs NOT listed in Annex to Decision 2009/719/EC	0	0
Suspect animals and confirmatory tests		0
<b>Total</b>		<b>1,450</b>

**Table C**

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

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RAPID TESTS ON OVINE ANIMALS	
	Number of tests
Healthy slaughtered ovine animals	0
Dead ovine animals	1,500
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	2,020
Ovine animals from holdings affected by atypical scrapie	0
Ovine animals from holdings affected by BSE	0
Suspect animals	188

Total number of tests	3,708
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**Table D**

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

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RAPID TESTS ON CAPRINE ANIMALS	
	Number of tests
Healthy slaughtered caprine animals	0
Dead caprine animals	500
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	7,270
Caprine animals from holdings affected by atypical scrapie	0
Caprine animals from holdings affected by BSE	0
Suspect animals	310
<b>Total number of tests</b>	<b>8,080</b>

**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	377
Discriminatory tests on bovine animals	0
Discriminatory tests on ovine and caprine animals	14
<b>Total number of confirmatory tests</b>	<b>377</b>
<b>Total number of discriminatory tests</b>	<b>14</b>

**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	60,000
Breeding programme - rams	5,307
<b>Total of number of tests</b>	<b>65,307</b>

**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	162
Animals slaughtered	Number of animals compensated
Ovine animals	0
Caprine animals	0
<b>Total Bovine</b>	<b>0</b>
<b>Total Ovine + Caprine</b>	<b>162</b>

COMMENT / ADDITIONAL CLARIFICATION

Please note that since May 2017, the samples for Primary molecular testing are sent to the Greek TSE's National Laboratory and they perform the test on our behalf. According to Table E, 14 discriminatory samples have been tested but Greece and they will claim the relevant amount.

1.8.10 SANTE Data Collection Platform - PRODUCTION • Contact us at [SANTE-XMLGATE3@ec.europa.eu](mailto:SANTE-XMLGATE3@ec.europa.eu)