

Immediate notification report

Report reference: REF OIE 24348, Report Date: 18/07/2017, Country : United States of America

Report Summary

Name of sender of the report	Dr. Stan Bruntz	Telephone	970 494 7246
Position	Science, Technology and Analysis Services (STAS)	Fax	970 494 7174
Address	2150 Centre Ave, Bldg B	Email	Stanley.D.Bruntz@aphis.usda.gov
	Fort Collins, Colorado 80526-8117 Fort Collins 80526-8117	Date submitted to OIE	19/07/2017

Animal type	Terrestrial	Date of report	18/07/2017
Disease	Bovine spongiform encephalopathy	Date of start of the event	05/07/2017
Causal Agent	Prion (atypical low-type BSE)	Date of confirmation of the event	16/07/2017
Reason	Recurrence of a listed disease	Date of last occurrence	30/06/2012
Country or zone	a zone or compartment	Diagnosis	Laboratory (advanced)
Number of reported outbreaks	submitted= 1, Draft= 0	Clinical signs	Yes

Outbreak details

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ALABAMA- (this report - submitted)	-	Perry	Livestock market	Perry County	32.629	-87.275	05/07/2017	18/07/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered		
Cattle	Animals	1	1	1	0	0		
Affected Population	Eleven year old beef type cow							

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Cattle	1	1	1	0	0

Epidemiology

Epidemiological comments

As part of the United States' targeted surveillance program for bovine spongiform encephalopathy (BSE), a case of Atypical BSE was identified in an 11 year old beef type cow. This Atypical BSE was classified as L-type. Native cases of BSE in the United States have all been atypical BSE cases -- this is only the fourth case of atypical BSE identified in over 20 years of surveillance. The last case was in 2012.

The identified animal did not enter any food supply channels and at no time presented a risk to human health. Specified risk material removal and the ruminant-to-ruminant feed bans continue to be effectively applied.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive
- random mutation

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • screening • traceability • official disposal of carcasses, by-products and waste 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Veterinary Services Laboratories (NVSL)	Cattle	enzyme-linked immunosorbent assay (ELISA)	15/07/2017	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Cattle	western blot	16/07/2017	Positive

Future Reporting

The report and all its outbreaks have been resolved.

Outbreak maps

