

### Follow-up report No.10

Report reference: , Reference OIE : 33971, Report Date : 13/04/2020, Country : United States of America

#### Report Summary

<b>Name of sender of the report</b>	Dr Mark Davidson	<b>Telephone</b>	+1 202-799-7000
<b>Position</b>	Associate Administrator	<b>Fax</b>	+1 202 720 3054
<b>Address</b>	1400 Independence Avenue, SW J.L. Whitten Building, Room 307-E, Washington DC 20250	<b>Email</b>	Mark.L.Davidson@usda.gov
		<b>Date submitted to OIE</b>	13/04/2020

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	13/04/2020
<b>Disease</b>	Rabbit haemorrhagic disease	<b>Date of start of the event</b>	08/07/2019
<b>Causal Agent</b>	Rabbit haemorrhagic disease virus	<b>Date of confirmation of the event</b>	17/07/2019
<b>Serotype(s)</b>	RHDV2	<b>Date of last occurrence</b>	16/04/2019
<b>Reason</b>	Recurrence of a listed disease	<b>Diagnosis</b>	Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 27, Draft= 0		

#### Outbreak details

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Washington-other report - submitted	-	San Juan		Backyard	San Juan County	48.5445	-122.994	08/07/2019	17/09/2019
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Rabbits	Animals	1	1	1	0	0			
Affected Population	Non-commercial pet rabbit (Oryctolagus cuniculus)								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Washington-other report - submitted	-	San Juan		Not applicable	San Juan County	48.542	-122.986	18/07/2019	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
European Rabbit:Leporidae(Oryctolagus cuniculus)	Animals	...	3	3	...	...			
Affected Population	Feral European rabbits (Oryctolagus cuniculus)								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Washington-other report - submitted	-	San Juan		Backyard	San Juan County	48.546	-122.978	24/07/2019	17/09/2019
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Rabbits	Animals	25	...	14	0	0			
Affected Population	Non-commercial pet rabbits (Oryctolagus cuniculus)								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Washington-other report - submitted	-	San Juan		Backyard	San Juan County	48.545	-122.991	08/08/2019	21/10/2019
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Killed and disposed of</b>	<b>Slaughtered</b>			
Rabbits	Animals	5	...	2	0	0			
Affected Population	Non-commercial pet rabbits (Oryctolagus cuniculus)								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Washington-other report - submitted	-	San Juan		Backyard	San Juan County	48.545	-122.991	16/08/2019	25/10/2019
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	26	...	10	0	0			
Affected Population	Non-commercial pet rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Washington-other report - submitted	-	Island		Not applicable	Island County	48.222	-122.686	29/10/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
European Rabbit:Leporidae( <i>Oryctolagus cuniculus</i> )	Animals	...	1	1	...	0			
Affected Population	Feral European rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Washington-other report - submitted	-	Clallam		Other	Clallam County	48.116	-123.431	23/12/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	145	...	24	0	0			
Affected Population	Non-commercial rabbits ( <i>Oryctolagus cuniculus</i> ) at an animal sanctuary.								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
New Mexico-other report - submitted	-	Cibola		Backyard	Cibola County	35.159	-107.885	13/02/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	5	...	2	3	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
New York-other report - submitted	-	New York County		Other	New York	40.836	-73.956	18/02/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	...	13	13	0	0			
Affected Population	Non-commercial rabbits ( <i>Oryctolagus cuniculus</i> ) housed at an avian and exotics veterinary clinic as patients, boarders and rescues								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
New Mexico- (this report - submitted)	-	Santa Fe		Backyard	Santa Fe County	35.717	-105.953	07/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	30	...	16	...	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
New Mexico-other report - submitted	-	Cibola		Backyard	Cibola County	35.141	-107.849	13/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	26	...	17	9	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico-other report - submitted	-	Torrance		Backyard	Torrance County	34.768	-106.031	16/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	17	...	17	0	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico-other report - submitted	-	McKinley		Backyard	McKinley County	35.519	-108.756	18/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	8	...	2	6	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico- (this report - submitted)	-	Chaves		Backyard	Chaves County	33.394	-104.571	20/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	10	...	2	8	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico- (this report - submitted)	-	Curry		Backyard	Curry County	34.433	-103.165	20/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	400	...	15	...	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico- (this report - submitted)	-	Dona Ana		Backyard	Dona Ana County	32.398	-106.677	23/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	4	4	4	0	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico-other report - submitted	-	Eddy		Backyard	Eddy County	32.424	-104.22	24/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	42	...	33	9	0			
Affected Population	Non-commercial, meat-type domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico-other report - submitted	-	Lincoln		Backyard	Lincoln County	33.636	-105.883	29/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	8	...	1	4	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico- (this report - submitted)	-	Valencia		Backyard	Valencia County	34.81	-106.792	30/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	11	...	8	...	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico- (this report - submitted)	-	McKinley		Backyard	McKinley County	35.51	-108.748	30/03/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	6	3	3	3	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Texas- (this report - submitted)	-	Hockley		Backyard	Hockley County	33.557	-102.376	01/04/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Rabbits	Animals	...	1	1	0	0			
Affected Population	Non-commercial domestic rabbits ( <i>Oryctolagus cuniculus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico-other report - submitted	-	Eddy		Not applicable	Eddy County	32.452	-104.268	01/04/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Black-tailed Jackrabbit:Leporidae( <i>Lepus californicus</i> )	Animals	...	1	1	...	0			
Affected Population	Wild Black-tailed jackrabbit ( <i>Lepus californicus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
New Mexico-other report - submitted	-	Dona Ana		Not applicable	Dona Ana County	32.384	-106.72	02/04/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Desert Cottontail:Leporidae( <i>Sylvilagus audubonii</i> )	Animals	...	5	5	...	0			
Affected Population	Wild Desert cottontail rabbits ( <i>Sylvilagus audubonii</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Arizona- (this report - submitted)	-	Cochise		Not applicable	Cochise County	31.388	-109.945	06/04/2020	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Black-tailed Jackrabbit:Leporidae( <i>Lepus californicus</i> )	Animals	...	1	1	...	...			
Affected Population	Wild Black-tailed jackrabbit ( <i>Lepus californicus</i> )								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Arizona- (this report - submitted)	-	Cochise		Not applicable	Cochise County	31.436	-109.901	06/04/2020	

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State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Cottontail rabbits:Leporidae(Sylvilagus)	Animals	...	6	6	...	...			
Affected Population	Wild cottontail rabbits (Sylvilagus)								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Arizona- (this report - submitted)	-	Navajo		Backyard	Navajo County	34.918	-110.142	09/04/2020	
Rabbits	Animals	18	...	15	...	0			
Affected Population	Non-commercial domestic rabbits (Oryctolagus cuniculus)								

State	Number of outbreaks	County		Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
New Mexico- (this report - submitted)	-	Grant		Backyard	Grant County	32.747	-108.289	09/04/2020	
Rabbits	Animals	16	...	9	...	0			
Affected Population	Non-commercial domestic rabbits (Oryctolagus cuniculus)								

**Outbreak summary: Total outbreaks = 27 (Submitted)**

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Rabbits	803	22	209	42	0
European Rabbit		4	4		0
Black-tailed Jackrabbit		2	2		0
Desert Cottontail		5	5		0
Cottontail rabbits		6	6		

**Epidemiology**

**Epidemiological comments**

Update Apr 13, 2020:  
 Arizona--RHDV2 confirmed in domestic rabbits (Oryctolagus cuniculus) on one non-commercial premises in Navajo County, Arizona. RHDV2 has also been detected in wild Black-tailed jackrabbits (Lepus californicus) and wild Cottontail rabbits (Sylvilagus) in Cochise County, Arizona. These are the first detections of RHDV2 in wild and domestic rabbits from Arizona. Disease response activities are pending.  
 Arizona State Animal Health Officials and the United States Department of Agriculture (USDA), Animal and Plant Health Inspection Services (APHIS) have begun an epidemiological investigation into the outbreaks.

Texas--RHDV2 confirmed in domestic rabbits (Oryctolagus cuniculus) on one non-commercial premises in Hockley County, Texas. This is the first detection of RHDV2 in the state of Texas. Disease response activities are pending.  
 Texas State Animal Health Officials and the USDA, APHIS have begun an epidemiological investigation into the outbreak.

New Mexico--RHDV2 confirmed in domestic rabbits (Oryctolagus cuniculus) from seven additional non-commercial premises. Total positive premises in New Mexico is 13. State officials are placing quarantines and requiring depopulation on all confirmed positive premises. Depopulation activities have been completed on seven premises and disposal (incineration recommended) is ongoing.  
 New Mexico State Animal Health Officials and the USDA, APHIS continue their epidemiological investigation into these outbreaks.

General clinical signs seen in confirmed cases from all three southwestern states include lethargy, seizures, and sudden death.

Currently, there are no known links to outbreak events in Washington or New York.

**Source of the outbreak(s) or origin of infection**

• Unknown or inconclusive

**Measures applied**

Applied	To be applied

<b>Applied</b>	<b>To be applied</b>
<ul style="list-style-type: none"> <li>• surveillance within containment and/or protection zone</li> <li>• traceability</li> <li>• quarantine</li> <li>• disinfection</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	Yes

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Veterinary Services Laboratories	Rabbits	antigen (Ag) detection ELISA	09/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Cottontail rabbits	reverse transcription - polymerase chain reaction (RT-PCR)	08/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Cottontail rabbits	antigen (Ag) detection ELISA	08/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Desert Cottontail	antigen (Ag) detection ELISA	02/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Black-tailed Jackrabbit	reverse transcription - polymerase chain reaction (RT-PCR)	08/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Black-tailed Jackrabbit	antigen (Ag) detection ELISA	08/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Rabbits	reverse transcription - polymerase chain reaction (RT-PCR)	09/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Rabbits	reverse transcription - polymerase chain reaction (RT-PCR)	08/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Rabbits	antigen (Ag) detection ELISA	08/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Rabbits	reverse transcription - polymerase chain reaction (RT-PCR)	03/04/2020	Positive
National laboratory	National Veterinary Services Laboratories	Rabbits	antigen (Ag) detection ELISA	03/04/2020	Positive

### Future Reporting

**The event is continuing. Weekly follow-up reports will be submitted.**

## Outbreak maps

