

ZOONOTIC AND OTHER ANIMAL DISEASES OF CONCERN IN MARYLAND

Estimated first onset	Estimated end date	Counties affected	Species affected	Diagnosis	Estimated # of cases to date	Lead agency	Comment
9/26/2011	Recovered	Frederick	Horse	WNV	1	DHMH	See comments below
2010	2010	Allegany	Deer	CWD	1	DNR	See comments below

Table 1. New or Ongoing Morbidity or Mortality Animal or Zoonotic Disease Events in Maryland

For questions regarding specific disease events, please contact the lead agency noted. This contact information is for use by Maryland veterinarians and health professionals:

- MDA - Maryland Department of Agriculture: ahops@mda.state.md.us, 410-841-5810
- DHMH - Maryland Department of Health and Mental Hygiene, Center for Zoonotic and Vector-borne Diseases: czvbd@dnhm.state.md.us, 410-767-5649
- DNR - Maryland Department of Natural Resources, Fish & Wildlife Health Program: FVHP@dnr.state.md.us, 410-226-5193

Comments

WNV: A 2 year-old pony at a Frederick County farm is the state's first probable WNV equine case of 2011. The pony's onset was Sept. 26 and clinical signs included ataxia, depression, staggering, and muscle fasciculations. The pony presented with a mildly elevated temperature, which gradually decreased over the next few days. The pony had no prior vaccination history for WNV or EEE, but was previously vaccinated against rabies. No travel history was noted, although other horses did regularly come and go from the property. A serum specimen tested positive at 1:400 dilution via IgM-capture ELISA at the Virginia Dept of Agriculture Animal Health Laboratory. The pony was treated with Acyclovir, DMSO, and Marquis and has since made a nearly full recovery. No other illness was reported in other animals on the farm.

In addition to the probable equine WNV infection, Maryland has also reported: 19 human WNV cases, 17 WNV-positive mosquito pools (including 11 reported by the Department of Defense), six WNV-positive birds, and three mosquito pools positive for Cache Valley virus. Maryland veterinarians are reminded to report equine neurologic syndromes and that equine arboviral testing is available at the DHMH Laboratories Administration. See <http://ideha.dhnh.maryland.gov/CZVBD/west-nile.aspx> for additional information.

CWD: Fall is deer hunting season and now is a good time to review CWD information on the MD DNR web page [to date - only 1 CWD positive deer has been detected in MD].

http://www.dnr.state.md.us/wildlife/Hunt_Trap/deer/disease/cwdinformation.asp

To report cases of disease in:	Contact:
Domestic animals	MDA Animal Health Program Office 410-841-5810 www.mda.state.md.us/animal_health/diseases/reportable.php
Wild animals	MD DNR / USDA Wildlife Service Call Center 1-877-463-6497 http://www.whmn.org/wher/
Humans	DHMH Center for Zoonotic and Vector-borne Diseases 410-767-5649 http://ideha.dhnh.maryland.gov/reportable-diseases.aspx

MARYLAND ANIMAL RABIES CASES, 2011

Table 2. New (confirmed within the last two weeks) and Cumulative Rabies Cases, Week Ending October 8, 2011

Jurisdiction	Bat Total (New)	Cat Total (New)	Cow Total (New)	Dog Total (New)	Fox Total (New)	Groundhog Total (New)	Raccoon Total (New)	Skunk Total (New)	Other Total (New)	Total (New)
Allegany							2			2
Anne Arundel	4	1					2			7
Baltimore	1				2		10			13
Baltimore City	23	1					7			31
Calvert	1				3		3			7
Caroline										0
Carroll	2	1	1		1		5			10
Cecil		1(1)					2	1(1)		4(2)
Charles		3	1	1	1	1	7(1)	1		15(1)
Dorchester							7			7
Frederick	3	1		1	2		16(1)	2		25(1)
Garrett							2			2
Harford	3				3		8			14
Howard	2	2			1		8	1(1)		14(1)
Kent	1									1
Montgomery	10				3	3	15(1)			31(1)
Prince George's	7(1)				2		5			14(1)
Queen Anne's							4	1		5
Somerset		1					8			9
St. Mary's		2			4		2	2		10
Talbot		1			1		5	3(1)		10(1)
Washington					1		3	2		6
Wicomico							1			1
Worcester		1(1)				2	9(1)	1		13(2)
Total (New)	57(1)	15(2)	2	2	24	6	131(4)	14(3)	0	251(10)

For complete animal rabies and other human zoonotic and vector-borne disease case counts, please visit:

<http://ideha.dhmh.maryland.gov/CZVBD/>

To review additional disease reports:

Maryland Department of Health and Mental Hygiene Weekly Biosurveillance Report:

<http://preparedness.dhmh.maryland.gov/Pages/Programs/Biosurveillance>

National Wildlife Health Center New and Ongoing Wildlife Mortality Events Nationwide:

http://www.nwhc.usgs.gov/mortality_events?ongoing.jsp

U.S. Livestock and Poultry Disease Events and Trends:

http://www.aphis.usda.gov/animal_health

Maryland Department of Health and Mental Hygiene Weekly Influenza Report:

<http://www.marylandfluwatch.org/>

Maryland One Health Bulletin:

http://www.mda.state.md.us/animal_health/diseases/bulletin.php