

ZOONOTIC AND OTHER ANIMAL DISEASES OF CONCERN IN MARYLAND

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

Estimated first onset	Estimated end date	Counties affected	Species affected	Diagnosis	Estimated # of cases to date	Lead agency	Comment
July 1, 2011	October 31, 2011	Maryland counties	Human, equine, wildlife, mosquito	Arboviral disease	TBD	DHMH	Arboviral disease surveillance season— see comment below

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@dhhm.state.md.us, 410-767-5649
- DNR - Maryland Department of Natural Resources, Fish & Wildlife Health Program, FWHP@dnr.state.md.us, 410-226-5193

Comments

DHMH, MDA and DNR jointly conduct arboviral disease surveillance annually. The 2011 arboviral disease surveillance program, conducted July 1 – October 31, comprises human, equine, wildlife and mosquito surveillance. Veterinarians are reminded that equine neurologic syndromes and any of the equine encephalitides are reportable to MDA. DHMH offers laboratory testing of equine specimens for West Nile virus (WNV) and other arboviruses. Veterinarians can submit serum, brain, and/or CSF specimens from horses exhibiting clinical signs consistent with arboviral disease to DHMH for testing. In addition, the MDA Frederick Animal Health Diagnostic Laboratory (301-600-1548) can conduct equine necropsies for a fee. We recommend that horses be regularly vaccinated against rabies, WNV and Eastern equine encephalitis virus.

In 2010, 23 human WNV cases were reported in five Maryland jurisdictions, and two human cases of LaCrosse encephalitis were reported in Garrett and Harford counties. One horse and eight mosquito pools were positive for WNV infection. General information on WNV and other arboviruses can be found at <http://ideha.dhmm.maryland.gov/CZVBD/west-nile.aspx> and at www.cdc.gov/ncidod/dvbid/westnile.

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.dhmm.maryland.gov/reportable-diseases.aspx

MARYLAND ANIMAL RABIES CASES, 2011

Table 2. New (confirmed within the last three weeks) and Cumulative Rabies Cases, Week Ending July 2, 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	2						2			4
Baltimore					2		9(2)			11(2)
Baltimore City	4(2)						6(1)			10(3)
Calvert					2(1)		3(1)			5(2)
Caroline										0
Carroll			1		1		5			7
Cecil							2(1)			2(1)
Charles		3	1	1	1	1(1)	5			12(1)
Dorchester							4(1)			4(1)
Frederick		1		1			11(2)	1		14(2)
Garrett							2			2
Harford					2		8(1)			10(1)
Howard		2			1		6			9
Kent	1									1
Montgomery	4(2)				2	1	13(2)			20(4)
Prince George's	2				2		4			8
Queen Anne's							4			4
Somerset		1					6(2)			7(2)
St. Mary's		2(2)			1		2			5(2)
Talbot							4(1)	1		5(1)
Washington					1		2	2		5
Wicomico							1			1
Worcester						1	6	1		8
Total (New)	13(4)	9(2)	2	2	15(1)	3(1)	103(10)	5	0	156(22)

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/>